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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1929.

8—154

U. S. DEPARTMENT OF AGRICULTURE.

WEATHER BUREAU.

PREPARING METEOROLOGICAL FORMS.

FOR

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CLIMATOLOGICAL DIVISION.

WASHINGTON:

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1898.

INSTRUCTIONS

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PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13, of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Minor observers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provisions of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

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17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter; in case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him. The error letter will be returned to the Central Office through the section center. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station as a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of — .089, to which add the sum of correction +.008 = —.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the current temperature and the corrected thermograph reading 12 hours previous. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the corrected thermograph reading 12 hours previous to the time of the special.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is —0.5°. The true temperature is, therefore, 62.0° —0.5°=61.5°. For a reading of —8.0° the correction is —1.2°, the true temperature is —8.0° —1.2°= —9.2°. For a reading of —28.0° the correction is +7.8°, the true temperature is —28.0° +7.8°= —20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is —0.6°, and at —28.0° is —2°. The change of correction between +2° and —28° is —1.4°. For 7° it is about —0.3°. For a scale reading of —35.0°, which is 7° below —28.0°, the correction is —2.3°, and the true temperature is —35.0° —2.3°= —37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet

bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The "Percentage of possible for each hour" will be determined by dividing the "Sums," multiplied by 100, by the number of hours of possible sunshine for the entire month, during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time, the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds the verifying velocity at stations on the Atlantic, Pacific, and Gulf coasts, and on the Great Lakes; at all other stations when it equals or exceeds 33 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0" the direction for that hour will also be "0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248

The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St., Fr.Cu., Fr.St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). When shreds of clouds are observed below a complete cloud cover, the total amount of clouds may exceed 10. Example: 10 St.NW., Few Fr.St.SW. If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, dust, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, dense dust, or dense fog obscures eight-tenths or more of the sky and no other clouds are visible, the state of the weather will be recorded as "Hazy," "Smoky," "Dusty," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds, exclusive of haze, smoke, dust, or fog present.

98. Haze will not be given a direction. Fog, dust, and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction. The most frequent kind and direction of clouds, page 9, Form 1001, will be determined by the entries on pages 2, 3, and 11. Haze, fog, dust, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog, dust, and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog, dust, or smoke will not be considered in the sums and averages.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St. Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, in addition to the dense fog, record "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⊼) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "Measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the

gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, and thunder has been heard or lightning seen within the hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction of clouds.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare pages 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frost will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality; and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133a. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

133b. Measurements of snow should be made at intervals during the occurrence of heavy snowfall in order to determine the maximum depth. These measurements should be recorded on page 12 and also in the notes on Form 1014.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes*. If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town, the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar, and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through, west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month " from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, " Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading " Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall, and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and the standard astronomical symbol entered to indicate the phase of the moon on the date for the maximum of each phase. The entry of time of moonrise and moonset is optional. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

164. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 22 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds; as to snow, see paragraph 133b. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12 gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon, both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (V) (Y), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must

not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a.m.	7.51 a.m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a.m.	8.41 a.m.	.....	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a.m.	9.31 a.m.	.....	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded ($1.14 \div 0.09 = 12$; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips ($0.86 \div 0.06 = 14$).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at the exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or

lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 and 219.

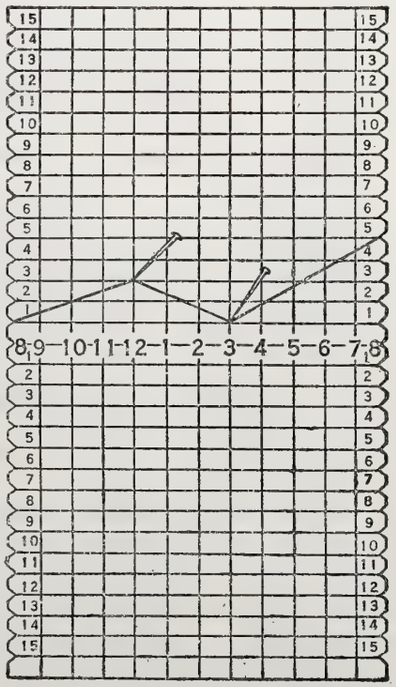
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used. — Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: −3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	−1	−1	−2	−2	−3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030—Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in "local standard time" throughout the year.

FORM No. 1083.

230. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

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Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of JAN 1920, *192*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 8558; No. of wet thermometer in use, 6230; No. of maximum thermometer in use, 32363; No. of minimum thermometer in use, _____

†Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date _____; amount of change in height of barometer, _____ feet (higher or lower)

No. of extra barometer, 625; sum of corrections, -.012; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 a. m., station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Corner Calhoun & Berry street, rooms 911-12 Tri-State Bldg.; first observation taken in present office, 7:00 a. m. May 20, 1911

*Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1929, 192

Number of Station barometer, 656; sum of corrections, −0.07 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	28.882	.112	28.770	29.71	30.8	30.8	31	100	.172	39.9	30.8	N	10			0.32	10	st	N	Hy Snow		CLH	1
2	68.0	29.408	.114	29.294	30.27	1.4	1.2	0	94	.038	22.4	1.4	SW	11			T	0	0	O	Clear		CLH	2
3	76.0	29.422	.135	29.287	30.27	22.4	20.0	14	67	.077	22.4	7.8	S	12			0	7	a st	W	Pt. Cloudy		CLH	3
4	71.0	29.710	.123	29.587	30.57	13.9	13.3	12	89	.070	27.4	13.9	N	4			0	0	0	O	Clear		CLH.	4
5	69.0	29.116	.115	29.001	29.95	33.0	30.5	27	76	.143	33.0	24.1	SE	6			0	4	a cu	SW	Cloudy		CLH.	5
6	68.0	28.832	.111	28.721	29.66	15.3	13.9	9	75	.060	45.1	15.3	SW	14			.02	10	st cu	W	Lt. Snow		CJ.	6
7	68.0	29.353	.113	29.240	30.21	3.0	2.2	−2	77	.034	22.8	3.0	SW	15			T	0	0	O	Clear		CLH.	7
8	73.0	29.572	.127	29.445	30.44	−0.8	−1.2	−4	86	.031	4.1	−2.6	SW	8			0	4	a st	E	Pt Cloudy		CLH.	8
9	71.0	29.286	.121	29.165	30.11	3/8	29.0	25	71	.130	31.8	26.0	S	10			0	10	st cu	S	Cloudy		CLH.	9
10	68.0	28.732	.111	28.621	29.55	34.2	34.0	34	98	.195	39.0	34.2	W	14			0.04	10	st cu	W	Lt. Rain		CLH.	10
11	72.5	28.922	.124	28.798	29.74	27.3	25.8	23	82	.118	28.2	23.2	SW	14			T	10	st cu	W	Cloudy		CLH.	11
12	76.0	29.120	.133	28.987	29.96	5.2	4.8	3	89	.044	20.4	4.4	SW	12			T	4	a cu	W	Pt Cloudy		CLH.	12
13	69.5	29.180	.117	29.063	30.03	1.5	1.1	−1	88	.036	22.0	1.5	W	15			T	0	0	O	Clear		CLH.	13
14	71.0	29.560	.122	29.438	30.44	−0.2	−1.0	−5	74	.029	−0.2	−5.2	SE	4			T	10	a cu	W	Lt. Snow		CLH.	14
15	72.5	29.468	.126	29.342	30.32	10.2	9.8	8	91	.057	10.2	9.2	W	10			.09	10	st cu	W	Lt Snow		CLH.	15
16	74.0	29.556	.130	29.426	30.41	3.2	2.0	−5	66	.029	16.5	3.1	NE	7			0	10	st cu	E	Cloudy		PAL.	16
17	69.5	28.900	.116	28.784	29.73	34.1	33.6	33	95	.187	34.2	20.0	S	6			0.14	10	N Lt. Rain D. Fog	S	~~Fog~~		PAL	17
18	73.5	28.756	.126	28.630	29.55	48.2	47.7	47	96	.322	48.2	44.2	S	7			0.23	10	D. Fog	S	Fog		PAL	18
19	71.0	29.150	.121	29.029	29.98	25.9	24.9	23	88	.118	46.2	24.7	W	10			0.06	8	a st	W	Cloudy		PAL	19
20	71.0	29.460	.122	29.338	30.30	18.2	16.2	10	68	.063	31.9	18.2	W	12			0	4	a st	W	Pt. Cloudy		CLH.	20
21	71.0	29.362	.121	29.241	30.20	25.3	22.8	17	69	.089	25.3	22.8	W	3			0	6 4	a cu st cu	W W	Cloudy		PAL.	21
22	72.0	29.222	.124	29.098	30.05	27.9	25.9	22	77	.113	29.9	23.1	E	10			T	10	st cu	E	Sleeting		PAL	22
23	70.5	29.300	.120	29.180	30.13	15.8	14.6	11	79	.066	45.1	15.8	W	12			0	2	ci	E	Clear		CLH.	23
24	71.0	29.400	.122	29.278	30.25	17.8	16.2	12	75	.074	20.9	17.2	NE	12			0	10	a st	W	Cloudy		CLH	24
25	68.0	28.680	.111	28.569	29.50	34.0	33.0	32	90	.180	37.0	30.2	SW	18			.07	10	st	W	Cloudy		CLH.	25
26	69.5	29.460	.118	29.342	30.32	6.8	6.0	3	80	.044	13.8	6.8	W	7			0	0	0	O	Clear		CLH.	26
27	74.0	29.329	.129	29.200	30.16	16.2	15.0	11	79	.066	21.4	16.2	NE	9			0	4 3	ci st a cu	W W	Cloudy		CJ.	27
28	70.5	29.440	.121	29.319	30.30	11.8	11.4	10	92	.063	20.9	11.8	NW	4			.01	0	0	O	Clear		CLH.	28
29	72.0	29.540	.125	29.415	30.38	18.8	17.4	14	78	.077	20.3	18.8	NW	3			0	10	st cu	NW	Cloudy		CLH.	29
30	72.0	29.390	.125	29.265	30.23	15.8	14.8	12	83	.070	22.1	15.0	N	3			T	10	st cu	N	Cloudy		CLH.	30
31	73.0	29.150	.126	29.024	29.98	18.8	18.4	18	94	.093	23.4	18.8	E	4			0.11	10	st	SW	Lt. Snow		CLH	31
Sums		(a)	(a)	902.897	932.70	567.6	534.1	444	2566	2.888	(a)	(a)	(a)	286	(a)	(a)	1.09	207	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.126	30.087	18.3	17.2	14.3	82.8	.093	(a)	(a)	(c) W	9.2	(a)	(a)	(a)	6.7	U a st L st cu	UW LW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	64.5	29.245	.104	29.141	30.10	20.3	19.8	18	92	.093	30.8	20.3	W	7			0.14	8	cu	W	Cloudy			CJ.	1
2	72.0	29.544	.125	29.419	30.41	10.0	8.6	3	70	.044	16.2	0.8	SW	9			0	1	stcu	SW	Clear			CJ.	2
3	71.5	29.515	.123	29.392	30.36	27.4	26.1	24	84	.124	32.0	22.4	W	8			T	10	stcu	W	Cloudy			CJ.	3
4	73.0	29.576	.127	29.449	30.42	25.9	24.9	23	88	.118	29.2	12.8	E	10			0	10	cist	E	Cloudy			CJ.	4
5	71.5	28.511	.119	28.392	29.31	44.1	43.8	44	98	.287	44.1	33.0	S	20			0.26	10	stcu	S	Lt. Rain			CJ.	5
6	67.0	28.983	.110	28.873	29.83	20.9	18.3	11	62	.066	20.9	7.3	SW	16			T	10	st	SW	Cloudy			CJ.	6
7	69.0	29.601	.117	29.484	30.47	4.1	2.9	-4	67	.031	10.2	2.8	W	10			0	Few	cu	W	Clear			CJ.	7
8	75.0	29.326	.132	29.194	30.16	30.1	26.4	19	60	.098	30.1	-0.8	SW	14			T	9	cu	SW	Cloudy			CJ.	8
9	73.5	28.791	.126	28.665	29.60	34.8	34.8	35	100	.203	40.0	31.8	SE	12			0.13	10	nb	SE	Lt. Rain			CJ.	9
10	72.5	29.065	.124	28.941	29.89	28.2	25.9	22	74	.113	34.2	28.2	SW	9			0.01	10	stcu	SW	Cloudy			CJ.	10
11	75.0	29.112	.131	28.981	29.94	20.4	19.4	17	85	.089	30.9	20.4	W	13			0.01	10	stcu	NW	Cloudy			CJ.	11
12	73.0	28.964	.125	28.839	29.80	22.0	21.0	19	86	.098	22.0	5.2	SW	12			T	10	st	W	Lt. Snow			CLH.	12
13	70.0	29.580	.119	29.461	30.46	-2.0	-2.6	-6	78	.028	1.5	-2.0	W	9			0	0	0	0	Clear			CLH.	13
14	74.0	29.278	.129	29.149	30.14	9.2	8.0	3	73	.044	9.2	-0.2	E	4			0.18	10	stcu	E	Cloudy			P.A.L.	14
15	76.0	29.552	.135	29.417	30.40	16.5	15.3	12	80	.070	20.8	8.4	W	4			T	0	0	0	Clear			CLH	15
16	74.0	29.282	.129	29.153	30.12	20.0	20.0	20	100	.103	22.6	3.2	NE	15			T	10	st	SW	Lt. Rain			CLH	16
17	73.0	28.740	.124	28.616	29.54	46.0	45.5	45	96	.298	46.8	34.1	SW	14			0.04	10	st	SW	Cloudy	B 7:50a	B DNS E 6:30a D 8:00p Cont. E 7:50a	CLH.	17
18	75.0	28.510	.128	28.382	29.30	46.2	45.7	45	96	.298	54.2	45.7	SW	10			0.96	10	nb	SW	Hy Rain	E 2:00p		CLH.	18
19	74.5	29.207	.130	29.077	30.03	31.9	30.0	27	80	.143	35.9	24.2	S	9			0	0	0	0	Clear			CJ.	19
20	72.0	29.540	.125	29.415	30.39	22.3	5.8	9	52	.060	23.8	15.8	W	4			0	0	0	0	Clear			CLH.	20
21	76.0	29.416	.135	29.281	30.24	29.9	25.8	18	56	.093	33.1	25.3	NW	4			0	4	st	NW	Pt Cloudy			CJ.	21
22	74.0	28.783	.127	28.656	29.60	45.1	44.8	44	98	.287	45.1	27.9	SW	12			1.18	10	stcu	W	Cloudy			CJ.	22
23	73.0	29.474	.127	29.347	30.32	20.9	18.4	12	64	.070	23.4	13.7	NW	3			0	10	2st	NW	Cloudy			CJ.	23
24	72.0	28.962	.123	28.839	29.79	30.2	30.2	30	100	.164	30.2	17.6	E	12			0.22	10	st	E	Lt. Rain			CJ.	24
25	67.0	29.247	.110	29.137	30.10	13.8	12.9	10	83	.063	34.0	13.8	SW	16			T	4	cu	W	Pt Cloudy			CJ.	25
26	73.0	29.463	.126	29.337	30.32	21.4	18.6	11	60	.066	23.3	6.5	W	3			0	4	cist	W	Pt Cloudy			CJ.	26
27	70.0	29.191	.118	29.073	30.03	20.9	19.9	18	86	.093	24.6	15.9	NE	12			T	0	st	NE	Lt. Snow			CJ.	27
28	75.0	29.542	.133	29.409	30.39	20.3	19.0	16	81	.085	24.0	11.4	N	6			0	9	cu	NW	Cloudy			CJ.	28
29	73.0	29.476	.127	29.349	30.32	22.1	20.3	16	75	.085	24.6	18.0	W	6			—	10	stcu	N	Cloudy			CJ.	29
30	73.0	29.292	.126	29.166	30.13	22.9	20.0	12	61	.070	24.3	15.8	W	4			T	10	stcu	W	Lt. Snow			CJ.	30
31	73.0	29.383	.127	29.256	30.23	19.9	18.8	16	84	.085	24.1	18.2	W	7			.01	10	stcu	W	Cloudy			CJ.	31
Sums		(a)	(a)	902.290	932.14	745.7	701.3	589	2469	3.569	(a)	(a)	(a)	294	(a)	(a)	3.14	229	(a)	(a)	(a)	1	2	(a)	(a)
Means		(a)	(a)	29.106	30.069	24.1	22.6	19.0	79.6	.115	(a)	(a)	(c) W	9.5	(a)	(a)	(a)	7.4	U: cist L: stcu	U: NW L: W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1923, 192

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp. m. to Zp. m. *‡‡	Snow unmelted. Zp. m. to Zp. m. *‡‡	Hail, sleet, and snow on ground at Zp. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	35	19	16	7	27				S^M	12:15a	1:50p	S^D	8:15p	9:10p							0.46	.08	+.38	+.38	0	4.6	4.0	0.46	1
2	19	1	18	17	10																0	.07	-.07	+.31	0	T	3.8	0	2
3	32	12	20	12	22				S^D	4:10p	4:40p										T	.08	-.08	+.23	0	T	2.8	T	3
4	29	13	16	1	21																0	.07	-.07	+.16	0	0	2.7	0	4
5	45	27	18	15	36				R	11:15a	2:35p	R	3:13p	4:05p	R	6:39p	7:20p				0.26	.08	+.18	+.34	0	0	0.5	0	5
6	28	7	21	18	18				S^D	DNa	8:40a	S^D	8:25p	9:00p							0.02	.08	-.06	+.28	0	0.2	0.7	0.02	6
7	13	0	13	12	6				S^D	DNa	DNa										T	.07	-.07	+.21	0	T	0.6	T	7
8	30	-3	33	8	14				S^D	9:20a	9:30a	S^D	9:53a	11:28a	S^D	12:35p					T	.07	-.07	+.14	0	T	0.4	T	8
9	40	26	14	19	33				S^M	4:20p	5:20p	R	5:20p	8:30p							0.13	.07	+.06	+.20	0	0.3	T	.03	9
10	39	24	15	1	32				R	DNa	7:30a	S^M	7:30a	8:10a	S^M	10:30a	12:30p	S^D	10:50p	11:05p	0.05	.07	-.02	+.18	0	0.7	T	.01	10
11	31	12	19	10	22				S^D	8:05a	9:30a	S^D	10:50a	11:35a	S	12:40p	6:40p	S^D	7:10p	8:20p	0.01	.07	-.06	+.12	0	0.1	0.1	.01	11
12	22	4	18	9	13				S^D	10:25a	10:45a	S^D	5:10p	9:15p							T	.07	-.07	+.05	0	T	0.1	T	12
13	16	-4	20	7	6																0	.07	-.07	+.02	0	T	0.1	0	13
14	10	-5	15	4	2				S^D	5:10a	cont.										0.22#	.07	+.15	+.13	0	3.2	3.2	.22#	14
15	21	8	13	12	14				S^D	cont	7:20a										0.05#	.07	-.02	+.11	0	1.4	4.6	.05#	15
16	23	3	20	1	13				S^D	4:55p	6:00p	R	6:00p	6:50p	Sl	6:50p	7:20p	R	7:20p	cont.	0.05#	.08	-.03	+.08	T	T	4.2	T	16
17	47	23	24	22	35				R	cont.	5:30p	R	8:05p	cont.							0.26#	.08	+.18	+.26	T	0	0.4	0	17
18	54	33	21	9	44				R	cont	DNa	R	8:30a	11:00p							1.12#	.09	+1.03	+1.29	0	0	0	0	18
19	36	24	12	14	30																0	.09	-.09	+1.20	0	0	0	0	19
20	32	16	16	6	24																0	.08	-.08	+1.12	0	0	0	0	20
21	33	20	13	2	26																0	.08	-.08	+1.04	0	0	0	0	21
22	45	23	22	8	34				Sl	6:40a	7:20a	S^M	7:20a	7:40a	R	7:40a	6:20p				1.18	.08	+1.10	+2.14	T	T	0	T	22
23	37	14	23	8	26																0	.07	-.07	+2.07	0	0	0	0	23
24	33	17	16	1	25				S^D	12:28p	2:00p	R	2:25p	Cont.							0.27#	.07	+.20	+2.27	0	T	0	T	24
25	27	11	26	1	24				R	Cont	DNa	S^D	2:40p	2:50p	S^D	4:15p	4:40p				0.02#	.07	-.05	+2.22	0	T	0	T	25
26	23	6	17	10	14																0	.07	-.07	+2.15	0	0	0	0	26
27	25	16	9	6	20				S^D	6:20p	9:00p										0.01	.07	-.06	+2.09	0	T	T	.01	27
28	24	11	13	2	18																0	.07	-.07	+2.02	0	0.1	T	0	28
29	25	18	7	4	22				S^D	2:00p	3:00p										T	.08	-.08	+1.94	0	T	T	T	29
30	24	15	9	2	20				S^D	6:35p	6:55p	S^D	11:25p	Cont.	S^D	DNa	DNa				T	.08	-.08	+1.86	0	T	T	T	30
31	24	6	18	5	15				S^D S^D S^D	6:54p cont.	7:30p 10:30a	S^D S^D	8:00p 11:25a	DNp 12:45p	S^D	1:20p	3:15p	S^D	4:00p	4:25p	0.12	.08	+.04	+1.90	0	1.5	1.3	0.12	31
S	932	397	535	253	66.6		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.23	2.33	Total excess or deficiency since Jan. 1,		T	12.1	(a)	(a)	(a)
M	30.1	12.8	17.3	8.2	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+1.90		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

precipitation mid. to mid. estimated

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SUMMARY FOR THE MONTH OF JAN 1929, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean: -0.05)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.126	29.106	29.116	x 29.620	4	x 28.330	18	1.290	30.087	30.069	30.078	x 30.60	4	x 29.24	18	1.36
Corrected mean		29.111						Corrected mean		30.073	x From barograph trace.				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
18.3	24.1	21.2	17.2	22.6	19.9	30.1	12.8	21.4	54	18	-5	14	59	33	8	7	29

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
14.3	19.0	16.6	82.8	79.6	81.2	.093	.115	.104	19	0	30	4

CLOUDS.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7218	9.7	W	32	W	22	4	5	5	3	6	16	19	4	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.7	7.4	7.1	34	5	7	19	0	3	13

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	18	17, 18	—	—	—	—	—	—

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.23	1.19	17+18	—	—	—	—	—	—	6	16	12	6	2	22	19 ~~22~~	9	12.1	1.3

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

J. B. Gage not in use

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None													

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

Earle L. Hare, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1899, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
5	11:00am	10:00am	74.0	28.939	.128	28.811	29.75	37.8	33.4	27	10.8	64	37.8	E	9			0	10	st	S	Cloudy	Pressure fall .14	CJ	5
5	1:00pm	12:00 Noon	73.0	28.707	.124	28.583	29.51	37.3	36.0	34	3.3	89	39.9	E	12			.10	10	nb	SW	Lt Rain	Pressure fall .23	CJ	5
14	1:20pm	12:20pm	73.0	29.376	.127	29.249	30.25	5.2	4.6	2	3.2	84	5.2	SW	7			.06	10	st cu	SW	Lt. Snow	.14 pressure fall	P.A.L.	14
17	1:40pm	12:40pm	75.0	28.742	.130	28.612	29.54	44.9	44.4	44	0.9	96	44.9	SW	13			.02	10	st	SW	Lt. Rain	Pressure fall .10	P.A.L	17
18	1:20pm	12:20pm	78.0	28.588	.136	28.452	29.36	54.0	53.5	53	1.0	97	54.1	S	6			.02	10	st	S	Lt Rain	Pressure fall .12	P.A.L.	18
22	1:20pm	12:20pm	76.0	28.946	.133	28.813	29.75	32.2	31.7	31	1.2	95	32.3	SE	6			0.75	10	st cu	SE	Lt. Rain	Pressure fall .16	P.A.L	22
24	2:00pm	1:00pm	75.0	29.162	.132	29.030	29.99	26.2	24.7	22	4.2	82	26.2	NE	14			T	10	st	E	Cloudy	Pressure fall .12	CJ	24
25	10:20am	9:20am	68.5	28.859	.113	28.746	29.70	19.8	18.0	13	6.8	73	34.0	SW	22	24	SW	T	10	st cu	W	Lt. Snow	.14 pressure rise	CJ	25

Extremes of pressure

								Highest.																	
4	9:00am	8:00am				29.620	30.60	13															Highest		4
18	5:00pm	4:00pm				28.330	29.24	49															Lowest		18

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1900, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	43	4	41	4									38	5	127	11			249	24
2									22	3	176	21							198	24
3									94	8	94	7	60	7	12	2			260	24
4			57	9	62	8									35	7			154	24
5					83	12	56	4	56	4	48	3	17	1					260	24
6											317	19	95	5					412	24
7											10	1	285	23					295	24
8									41	3	226	20	7	1					274	24
9							44	5	146	13	63	6							253	24
10											131	11	171	13					302	24
11									14	1	164	11	184	12					362	24
12											205	14	119	10					324	24
13											26	4	300	20					326	24
14			10	3	72	12	4	1	8	2	20	4			9	2			123	24
15													99	17	25	7			124	24
16	4	1	131	15	62	8													197	24
17					10	3			98	10	127	11							235	24
18									81	9	76	10	37	3	26	2			220	24
19									61	7	67	9	92	8					220	24
20													217	24					217	24
21													56	15	44	9			100	24
22					94	12	16	2	10	1	11	1	104	5	21	3			256	24
23	10	2	11	2									179	13	42	7			242	24
24			115	10	161	14													276	24
25					6	2			12	1	214	11	137	9	4	1			373	24
26											12	2	127	22					139	24
27	42	5	138	13	41	5							5	1					226	24
28	69	10													114	14			183	24
29	12	3											79	10	74	11			165	24
30	25	6							23	4	9	2	25	6	21	6			103	24
31					12	4	19	5	9	2			87	10	23	3			150	24
SUM,	205	3	503	56	603	80	139	17	675	68	1996	167	2520	240	577	85	0	0	7218	744
PERCENTAGE,	3	4	7	8	8	11	2	2	9	9	28	23	35	32	8	11	0	0	a	a
AVG. HOURLY VELOCITY,	6.6	a	9.0	a	7.5	a	8.2	a	9.9	a	~~11.9~~ 12.0	a	10.5	a	6.8	a	0	a	9.7	a

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1911, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	74.5	29.580	.131	29.449	30.43	3.8	3.6	3	94	.044	19.9	1.2	SW	8			T	10	st	W	Cloudy		C.L.H.	1
2	78.0	29.732	.142	29.590	30.58	13.2	12.8	11	92	.066	13.2	8.8	W	3			T	10	st	W	Cloudy		C.L.H.	2
3	74.5	29.711	.132	29.579	30.56	13.1	12.5	11	88	.066	18.1	9.6	NE	4			0	10	2 st	W	Cloudy		C.L.H.	3
4	75.5	29.566	.134	29.432	30.41	7.9	7.3	5	86	.049	16.2	7.9	NE	6			0	4	2 st	W	Pt Cloudy		C.L.H.	4
5	70.0	29.268	.119	29.149	30.12	11.1	10.5	8	87	.057	19.2	10.9	NE	7			0	6	st cu	W	Pt. Cloudy		C.L.H.	5
6	72.0	29.150	.124	29.026	29.98	27.1	25.6	23	82	.118	27.9	25.1	NE	5			T	10	st cu	NE	Cloudy		C.L.H.	6
7	69.0	29.180	.116	29.064	30.01	27.8	27.0	26	90	.136	30.3	27.8	NW	4			T	10	st cu	N	Cloudy		C.L.H.	7
8	71.5	29.200	.122	29.078	30.03	27.1	26.6	26	94	.136	33.1	27.1	NE	2			0.12	10	nb	W	Lt. Snow		C.L.H.	8
9	71.5	29.228	.122	29.106	30.07	18.0	16.8	14	81	.077	30.9	18.0	W	10			0.02	10	2 st	W	Cloudy		C.L.H.	9
10	74.0	29.483	.130	29.353	30.33	-0.2	-0.4	-1	93	.036	16.9	-0.9	W	6			T	5w	cu	W	Clear		C.L.H.	10
11	80.0	29.430	.146	29.284	30.26	11.2	10.8	9	92	.060	13.2	9.0	SW	6			T	10	st	W	Lt. Snow		C.L.H.	11
12	71.0	29.600	.122	29.478	30.46	2.8	2.7	1	89	.040	16.3	2.8	SW	6			0	2	2 st	W	Clear		C.L.H.	12
13	70.0	29.308	.119	29.189	30.15	16.6	16.2	16	93	.085	19.5	15.8	E	4			.01	10	st	SW	Lt. Snow		C.L.H.	13
14	67.0	29.194	.110	29.084	30.04	20.5	20.1	19	94	.098	23.7	20.5	SW	6			.01	10	st	W	Cloudy		C.L.H.	14
15	68.0	29.200	.113	29.087	30.05	14.2	13.8	12	92	.070	27.2	14.2	SW	7			0	3	2 st	SW	Clear		C.L.H.	15
16	67.0	29.060	.110	28.950	29.91	20.2	19.7	18	92	.093	30.0	20.2	SW	8			0	2	2 st	W	Clear		C.L.H.	16
17	68.0	29.160	.113	29.047	30.00	29.2	27.5	25	81	.130	34.9	29.2	N	2			0	10	st	W	Cloudy		C.L.H.	17
18	68.0	29.200	.113	29.087	30.04	27.8	25.3	21	71	.108	40.1	27.2	NW	12			0	10	st cu	NW	Cloudy		C.L.H.	18
19	69.0	29.266	.116	29.150	30.12	8.3	8.1	7	95	.054	17.9	8.3	NE	10			0.13	10	nb	SW	Lt. Snow		C.L.H.	19
20	74.0	29.432	.130	29.302	30.29	-0.6	-0.8	-2	93	.034	8.9	-1.8	N	1			0	0	0	0	Clear		C.L.H.	20
21	72.0	29.001	.123	28.878	29.85	15.2	14.2	11	82	.066	15.2	10.0	SW	2			0	2	2 st	W	Cloudy		C.L.H.	21
22	71.0	29.420	.122	29.298	30.27	9.8	9.4	8	91	.057	31.2	9.8	W	6			0	8	st cu	SW	Cloudy		C.L.H.	22
23	74.0	29.482	.130	29.352	30.33	19.3	17.0	11	65	.066	19.3	8.2	SW	6			0	5	st cu	W	Pt Cloudy		C.L.H.	23
24	70.0	29.241	.118	29.123	30.07	33.6	29.6	23	62	.118	33.7	29.2	SW	11			0	4	ci st	W	Pt Cloudy		C.L.H.	24
25	71.5	29.188	.122	29.066	30.01	34.8	31.8	28	73	.150	43.2	34.8	E	4			0	9	st cu	W	Cloudy		C.L.H.	25
26	69.0	28.778	.114	28.664	29.58	50.2	49.7	49	96	.347	50.2	39.9	S	11			0.11	6	2 st	E	Cloudy		C.L.H.	26
27	69.5	29.118	.116	29.002	29.95	33.8	30.3	25	67	.130	34.9	33.3	W	10			0	4	st	W	Cloudy		C.L.H.	27
28	72.0	29.010	.123	28.887	29.84	31.9	30.4	28	85	.150	39.2	31.9	NE	4			0	10	st cu	W	Cloudy		C.L.H.	28
29																		3	2 st	NE	Clear		C.L.H.	29
30																								30
31																								31
Sums	(a)	(a)		816.754	843.74	527.7	497.8	435	2400	2.641	(a)	(a)	(a)	171	(a)	(a)	0.40	208	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.170	30.134	18.8	17.8	15.5	85.7	.094	(a)	(a)	(c) SW	6.1	(a)	(a)	(a)	7.4	U 2 st. L Stcu st	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1909, 192

Number of Station barometer, 6.56; sum of corrections, -.007 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.20 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.49 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.0	29.691	.139	29.552	30.54	11.2	10.2	6	79	.052	11.8	3.8	SW	5			T	10	st	SW	Lt. Snow				1
2	75.0	29.728	.134	29.594	30.57	18.1	17.0	14	83	.077	21.1	13.2	NE	3			T	3	cu	NE	Clear				2
3	76.0	29.650	.136	29.514	30.49	16.2	15.4	13	86	.074	19.1	13.1	NE	6			T	0	0	0	Clear				3
4	74.0	29.382	.130	29.252	30.22	19.2	17.8	14	78	.077	25.2	7.0	E	9			0	3 2	a cu cist	NW NW	Pt Cloudy				4
5	73.5	29.188	.128	29.060	30.02	27.9	23.9	22	77	.113	29.2	11.0	NE	6			0	10	stcu	NE	Cloudy				5
6	74.0	29.111	.128	28.983	29.93	30.3	30.1	30	98	.164	31.1	27.1	N	8			.04	10	stcu	NE	Lt. Snow	B7.052 E10.302			6
7	74.0	29.271	.129	29.142	30.09	33.1	32.2	31	91	.172	35.8	27.2	SW	3			0	9	stcu	W	Cloudy				7
8	75.0	29.222	.132	29.090	30.04	30.9	29.8	28	88	.150	34.2	27.0	SW	5			.01	10	stcu	SW	Cloudy	B7.302 E10.452			8
9	71.0	29.288	.121	29.167	30.14	16.9	15.9	13	84	.074	23.8	16.8	W	8			T	2	stcu	W	Clear				9
10	79.0	29.513	.143	29.370	30.36	13.2	11.9	8	75	.057	19.7	-0.2	W	8			0	9	stcu	W	Cloudy				10
11	73.0	29.502	.127	29.375	30.36	16.3	14.4	9	68	.060	18.2	11.2	SW	9			T	7	stcu	SW	Pt Cloudy				11
12	74.0	29.490	.130	29.360	30.34	19.5	17.1	10	64	.063	22.2	2.0	E	4			0	10	stcu	SW	Cloudy				12
13	72.0	29.213	.124	29.089	30.05	23.7	23.1	22	92	.113	26.9	16.6	E	5			.02	10	st	E	Lt Snow				13
14	69.0	29.183	.116	29.067	30.03	27.2	25.2	21	76	.108	27.2	18.8	SW	10			T	4	cu	W	Pt Cloudy				14
15	71.0	29.057	.120	28.937	29.90	30.0	28.8	27	87	.143	33.3	14.0	SW	9			0	10	cist	SW	Cloudy				15
16	71.0	29.001	.120	28.881	29.83	34.9	32.2	28	75	.150	38.1	20.2	SW	9			0	10	stcu	W	Cloudy				16
17	71.0	29.028	.120	28.908	29.86	39.0	36.0	32	76	.180	42.5	29.2	SE	8			0	1	cist	SE	Clear				17
18	72.0	29.362	.124	29.238	30.20	17.9	16.2	11	73	.066	27.8	17.9	N	7			T	7	cist	NW	Pt Cloudy				18
19	74.0	29.317	.129	29.188	30.16	8.9	8.1	5	82	.049	14.9	8.0	N	6			.02	2	cist	N	Clear				19
20	75.0	29.255	.132	29.123	30.10	11.8	11.0	9	84	.060	16.7	-1.0	E	5			0	10	a st	E	Cloudy				20
21	71.5	29.102	.121	28.981	29.94	31.2	29.7	27	84	.143	31.2	15.2	SW	12			.01	10	stcu	W	Cloudy				21
22	71.5	29.524	.123	29.401	30.38	14.8	13.0	7	68	.054	21.8	9.2	SW	7			0	0	0	0	Clear				22
23	75.0	29.386	.133	29.253	30.21	33.7	30.0	24	65	.124	37.1	19.3	SE	4			0	3	ci	W	Clear				23
24	68.5	29.230	.114	29.116	30.06	43.2	38.6	33	66	.187	46.6	33.6	SW	5			0	10	st	SW	Cloudy				24
25	71.5	28.952	.121	28.831	29.77	39.9	39.9	40	100	.247	44.9	34.8	E	5			.023	10	st	E	Lt. Rain				25
26	70.0	28.941	.118	28.823	29.74	34.9	33.0	30	82	.164	50.9	34.9	SW	18			0	10	stcu	SW	Cloudy				26
27	74.0	29.126	.129	28.997	29.95	39.2	35.8	31	73	.172	42.0	33.1	E	3			0	10	st	SW	Cloudy				27
28	73.0	29.042	.125	28.917	29.87	42.9	36.7	28	54	.150	44.0	31.9	N	2			0	10	stcu	N	Cloudy				28
29																									29
30																									30
31																									31
Sums	(a)	(a)		816.204	843.15	726.0	675.0	573	2208	3.243	(a)	(a)	(a)	189	(a)	(a)	0.33	202	(a)	(a)	(a)	2	0	(a)	(a)
Means	(a)	(a)		29.150	30.112	25.9	24.1	20.5	78.9	.116	(a)	(a)	(c) SW	6.8	(a)	(a)	(a)	7.2	U cist L stcu	U NW L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 192

Date.	Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Friday ~~Wednesday~~	12	1	11	9	6				S^D	7:56a	10:30a	S^D	11:25a	12:45p	S^D	1:50p	7:40p				T	.09	-.09	-.09	0	T	1.1	T	1
2	21	10	11	10	16				S^D	6:55a	1:10p										T	.08	-.08	-.17	0	T	1.0	T	2
3	19	10	9	2	14				S^D	7:10a	10:10a										T	.08	-.08	-.25	0	T	1.0	T	3
4	25	7	18	2	16																0	.08	-.08	-.33	0	0	0.8	0	4
5	29	11	18	4	20				S^D	9:25p	DNp										T	.08	-.08	-.41	0	0	0.8	T	5
6	31	25	6	8	28				S^D	10:23a	8:15p										.04	.08	-.04	-.45	0	0.8	1.6	.04	6
7	36	27	9	4	32																0	.08	-.08	-.53	0	~~0~~ T	1.2	0	7
8	34	26	4	2	30				S^D	DNa	12:15p										.13	.08	+.05	-.48	0	1.6	2.2	.13	8
9	26	10	16	12	18				S^D	DNa	DNa	S^D	9:10a	10:30a	S^D	9:35p	10:00p				.02	.08	-.06	-.54	0	0.2	2.4	.02	9
10	20	-1	21	8	10																0	.08	-.08	-.62	0	~~0~~ T	2.3	0	10
11	18	8	10	3	13				S^D	6:25a	10:15a	S^D	1:25p	3:10p							T	.08	-.08	-.70	0	T	2.2	T	11
12	22	2	20	1	12																0	.08	-.08	-.78	0	0	1.9	0	12
13	27	16	11	10	22				S^D	DNa	11:00p										.04	.08	-.04	-.82	0	0.4	2.3	.04	13
14	27	19	8	1	23				S^D	7:50a	9:15a										T	.08	-.08	-.90	0	0.1	2.2	T	14
15	33	14	19	1	24																0	.07	-.07	-.97	0	0	2.2	0	15
16	38	20	18	5	29																0	.07	-.07	-1.04	0	0	1.8	0	16
17	42	29	13	7	36																0	.08	-.08	-1.12	0	0	0.1	0	17
18	40	13	27	10	26				S^D	11:05a	2:00p	S^D	8:40p	cont							.08	.08	0	-1.12	0	T	T	.08	18
19	15	3	12	17	9				S^D	cont.	9:30a										.07	.09	-.02	-1.14	0	3.0	2.4	.07	19
20	17	-2	19	1	8																0	.10	-.10	-1.24	0	0	2.2	0	20
21	31	10	21	12	20				S^D	7:45a	9:30a										.01	.10	-.09	-1.33	0	0.1	2.0	.01	21
22	24	9	15	4	16																0	.10	-.10	-1.43	0	0	1.5	0	22
23	37	8	29	6	22																0	.10	-.10	-1.53	0	0	0.1	0	23
24	47	29	18	16	38																0	.10	-.10	-1.63	0	0	T	0	24
25	47	35	12	3	41				R	12:20p	1:25p	R	2:00p	cont							.33	.09	+.24	-1.39	0	0	0	0	25
26	51	35	16	2	43				R	cont	DNa	R	DNa	DNa							.01	.08	-.07	-1.46	0	0	0	0	26
27	42	33	8	6	37																0	.08	-.08	-1.54	0	0	0	0	27
28	44	32	12	1	38				S^D	10:55p	11:15p										T	.08	-.08	-1.62	0	0	0	T	28
29																													29
30																													30
31																													31
S	855	439	416	167	647		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.73	2.35	Total excess or deficiency since Jan. 1,		0	6.2	(a)	(a)	(a)
M	30.5	15.7	14.9	6.0	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+0.28		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF FEB 1929, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.015)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.170	29.150	29.160	x 29.630	2	x 28.630	26	1.000	30.134	30.112	30.123	x 30.62	2	x 29.55	26	1.07
Corrected mean		29.155						Corrected mean		30.118	x From barograph trace				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
18.8	25.9	22.4	17.8	24.1	21.0	30.5	15.7	23.1	51	26	-2	20	53	29	23	6	6

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
15.5	20.5	18.0	85.7	78.9	82.3	.094	.116	.105	16	0	25	2

CLOUDS.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: west

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4786	7.1	SW	29	SW	26	6	10	8	2	1	20	7	2	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.4	7.2	6.9	48	1	15	12	0	4	5

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	0	12,18,24	15,17,23	6,8,	0	0	0	0	20	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.73	0.34	25 26	0	—	—	0	—	—	7	9	6	1	0	16	14	7	6.2	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

Tipping bucket gage not in use.

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. Hardy

Erle L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible] 1929, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
										Extremes of pressure															
2	10 00 am	9 00 am				29.630	30.62	15															Highest		2
26	4 40 am	3 40 am				28.630	29.55	50															Lowest		26

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Port Royal, [illegible], for the Month of FEB [illegible], 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											45	6	131	18					176	24
2	15	4	15	7							8	2	23	7	19	4			80	24
3			93	21	15	3													108	24
4			94	15	81	9													175	24
5			170	23	9	1													179	24
6	65	11	88	13															153	24
7	9	2	10	2							16	5	29	6	44	9			108	24
8			24	9	2	1					60	10	18	3	2	1			106	24
9											17	3	184	21					201	24
10											58	10	88	14					146	24
11									7	1	59	10	124	13					190	24
12			5	1	20	6			22	4	59	10	17	3					123	24
13			35	7	83	17													118	24
14	3	1	3	2							210	21							216	24
15									9	1	208	23							217	24
16									20	2	233	22							253	24
17	8	3	2	1	2	1	21	5	68	8	17	2	6	1	21	3			145	24
18	45	6									27	2	63	5	105	11			240	24
19	180	23	10	1															190	24
20	15	8			74	15	6	1											95	24
21					16	5	3	1			105	12	77	6					201	24
22											76	10	153	14					229	24
23							9	2	56	7	117	15							182	24
24									11	1	200	23							211	24
25					95	15	42	7	5	2									142	24
26							33	3	47	4	245	16	14	1					339	24
27			18	4	7	2			4	1	69	7	61	6	15	4			174	24
28	29	10	50	11											10	3			89	24
29																				
30																				
31																				
SUM,	369	68	617	117	404	75	114	19	249	31	1829	209	988	118	216	35	0	0	4786	672
PERCENTAGE,	8	10	13	17	8	11	2	3	5	5	38	31	21	18	5	5	0	0	a	a
AVG. HOURLY VELOCITY,	5.4	a	5.3	a	5.4	a	6.0	a	8.0	a	8.8	a	8.4	a	6.2	a	0	a	7.1	a

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	29.100	.123	28.977	29.93	30.8	30.0	29	91	.157	42.9	30.4	W	8			T	10	D. Fog	W	Foggy		E.L.H.	1
2	72.0	29.031	.123	28.908	29.86	30.1	29.2	28	90	.150	34.2	30.1	SW	9			T	10	st	SW	Pt Snow		E.L.H.	2
3	67.0	28.960	.110	28.850	29.78	40.2	36.2	31	68	.172	40.2	37.1	S	10			0	10	2 st	W	Cloudy		E.L.H.	3
4	67.0	28.980	.110	28.870	29.81	40.5	40.0	40	96	.247	43.8	40.5	S	1			.15	10	st	SW	Lt. Rain		E.L.H.	4
5	68.0	28.876	.112	28.764	29.70	30.8	29.3	21	63	.108	38.0	30.8	NW	12			0	8	st cu	NW	Cloudy		E.L.H.	5
6	70.0	28.700	.117	28.583	29.51	37.2	34.2	30	74	.164	37.2	32.8	SW	14			0	2	ci st	SW	Clear		E.L.H.	6
7	63.0	28.884	.099	28.785	29.72	14.6	13.4	10	79	.063	46.8	14.6	W	24	39	W	T	10	st cu	W	Lt. Snow		E.L.H.	7
8	69.0	29.358	.116	29.242	30.20	18.9	18.3	17	91	.089	19.8	16.4	S	6			0	4 2	2 cu cu	NW N	Pt. Cloudy		E.L.H.	8
9	67.0	29.468	.111	29.357	30.[illegible]	19.5	16.5	8	56	.057	36.4	19.5	NW	12			0	8	st cu	NW	Cloudy		E.L.H.	9
10	71.0	29.722	.123	29.599	30.58	15.2	13.8	7	75	.060	20.9	13.9	SW	7			0	0	0	0	Clear		E.L.H.	10
11	68.0	29.438	.114	29.324	30.27	36.1	31.6	25	61	.130	36.2	34.8	S	11			0	3	ci st	SW	Clear		E.L.H.	11
12	68.0	29.370	.113	29.257	30.20	44.8	40.0	34	66	.195	48.4	42.4	S	8			0	6 2	2 cu st cu	W W	Cloudy		E.L.H.	12
13	74.0	29.142	.129	29.013	29.94	48.9	48.0	47	94	.322	59.6	48.9	SE	10			.05	10	st cu	SW	Lt. Rain		E.L.H.	13
14	72.0	28.918	.123	28.795	29.71	51.9	51.3	51	96	.373	58.0	51.2	W	4			0.26	10	nb	NW	Lt. Rain		E.L.H.	14
15	73.0	28.908	.125	28.783	29.69	47.2	46.7	46	96	.310	61.3	46.4	E	8			0	10	2 st	SW	Cloudy		E.L.H.	15
16	71.0	28.840	.119	28.721	29.64	34.0	33.5	33	95	.187	58.1	34.0	N	14			0.15	10	Nb	NW	Lt Snow		E.L.H.	16
17	69.0	29.274	.116	29.158	30.11	30.0	27.5	23	73	.118	32.7	30.0	W	3			0	2	2 cu	E	Clear		E.L.H.	17
18	66.5	29.318	.109	29.209	30.15	34.8	33.0	30	84	.164	43.0	32.9	SW	10			0.	0	0	0	Clear		E.L.H.	18
19	68.0	29.067	.114	28.953	29.88	44.5	40.0	34	68	.195	53.8	43.4	SW	12			0	6	ci st	SW	Pt Cloudy		E.L.H.	19
20	69.0	29.118	.115	29.003	29.94	35.8	33.0	29	75	.157	44.2	35.8	W	8			.02	8	st cu	SW	Cloudy		E.L.H.	20
21	69.0	28.918	.115	28.803	29.72	49.5	45.5	42	74	.266	50.1	46.8	SW	12			T	2	cu	W	Clear		E.L.H.	21
22	70.0	28.958	.118	28.840	29.76	43.5	43.0	42	94	.266	54.9	43.8	NE	6			T	10	st	E	Cloudy		E.L.H.	22
23	71.0	28.831	.119	28.712	29.62	60.8	59.8	59	94	.499	60.8	53.9	SW	6			T	10	st	W	Cloudy		E.L.H.	23
24	72.0	29.204	.124	29.080	30.01	44.0	43.2	42	94	.266	61.3	44.0	NE	12			.38	10	st	NE	Cloudy		E.L.H.	24
25	70.5	29.024	.119	28.905	29.82	68.0	58.5	52	57	.387	68.0	44.5	SW	15			T	10	st cu	SW	Cloudy		E.L.H.	25
26	70.0	29.252	.119	29.133	30.07	40.2	38.7	37	88	.219	50.0	40.0	N	6			.17	4 6	2 cu cu	W W	Cloudy		E.L.H.	26
27	69.0	29.380	.117	29.263	30.20	41.8	37.3	32	66	.180	48.0	39.5	SW	8			0	Few	2 cu	SW	Clear		E.L.H.	27
28	68.0	29.388	.114	29.274	30.21	40.8	36.5	31	66	.172	56.1	40.8	NW	12			0	0	0	0	Clear		E.L.H.	28
29	71.5	29.416	.123	29.293	30.23	39.8	35.8	31	68	.172	49.9	39.1	SE	9			0	8	2 st	W	Cloudy		E.L.H.	29
30	69.0	29.138	.116	29.022	29.96	45.8	45.0	44	94	.287	45.8	42.5	SW	7			.04	10	st	W	Cloudy		E.L.H.	30
31	70.0	29.268	.119	29.149	30.08	42.2	40.7	39	88	.237	56.1	42.0	E	8			0	10	st	E	Cloudy		E.L.H.	31
Sums		(a)	(a)	899.625	928.62	1202.5	1127.5	1026	2474	6.369	(a)	(a)	(a)	292	(a)	(a)	1.24	211	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.020	29.955	38.8	36.4	33.1	79.8	.205	(a)	(a)	(c) SW	9.4	(a)	(a)	(a)	6.8	U Ac Cu L St-St Cu	U Sw L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.5	29.039	.129	28.910	29.86	34.2	33.8	33	96	.187	44.3	30.0	SW	10			.03	4	stcu	SW	Pt Cloudy	B 9:15a E 9:40a	B 6:55a E 9:15a	EJ	1
2	73.5	29.034	.127	28.907	29.86	38.2	33.9	28	65	.150	40.8	29.3	S	10			T	4	cist	S	Pt. Cloudy			EJ	2
3	67.0	29.000	.110	28.890	29.83	43.8	41.0	38	80	.228	54.4	40.2	SW	4			T	10	st	W	Lt. Rain			CLH	3
4	71.5	28.978	.121	28.857	29.80	38.0	35.9	33	82	.187	41.8	38.0	N	7			T	10	stcu	N	Cloudy	B 7:05a E 7:30a B 8:00a E 8:45a	B 7:30a E 8:00a	EJ	4
5	73.0	28.933	.125	28.808	29.75	35.8	32.0	26	66	.136	40.1	29.8	W	5			0	0	0	0	Clear			EJ	5
6	68.0	28.441	.111	28.330	29.25	46.8	42.2	37	68	.219	59.8	37.2	W	30	36	W	0	10	stcu	NW	Cloudy			EJ	6
7	70.0	29.322	.119	29.203	30.17	19.8	17.4	11	65	.066	22.8	12.3	W	12			T	8	stcu	W	Cloudy			EJ	7
8	70.0	29.108	.118	28.990	29.95	35.7	31.2	24	60	.124	40.2	18.9	SW	12			0	10	stcu	SW	Cloudy			EJ	8
9	73.0	29.731	.128	29.603	30.58	20.9	19.9	18	86	.093	23.6	18.6	NW	6			0	3	cist	NW	Clear			EJ	9
10	69.0	29.511	.117	29.394	30.36	36.2	30.2	20	48	.103	40.9	15.2	S	12			0	4	cist	SW	Pt Cloudy			EJ	10
11	70.5	29.372	.120	29.252	30.20	48.4	40.2	30	47	.164	51.6	36.1	SE	10			0	10	stcu	S	Cloudy			EJ	11
12	73.0	29.283	.126	29.157	30.09	59.6	51.2	44	56	.287	67.3	44.8	SE	6			0	2	cist	S	Clear			EJ	12
13	72.0	29.042	.123	28.919	29.84	58.0	56.8	56	93	.448	58.9	48.9	SW	7			0.48	9	stcu	W	Cloudy	B 9:30a E 10:30a	8:9:15P cont	EJ	13
14	73.0	29.031	.125	28.906	29.83	61.3	55.2	51	68	.373	67.6	51.9	W	5			0.05	2	cu	W	Clear		cont E-0Na	EJ	14
15	74.0	28.696	.127	28.569	29.48	58.1	53.6	50	75	.360	63.0	47.2	W	8			0.40	9	stcu	W	Cloudy			EJ	15
16	72.5	29.181	.125	29.056	30.01	32.7	31.1	28	84	.150	36.3	32.6	W	10			T	10	stcu	W	Cloudy			EJ	16
17	71.0	29.320	.121	29.199	30.14	43.0	35.0	23	43	.118	45.1	30.0	SW	14			0	0	0	0	Clear			CLH	17
18	72.0	29.175	.124	29.051	29.99	53.8	46.0	38	55	.228	59.9	34.8	SW	9			0	0	0	0	Clear			EJ	18
19	71.5	29.057	.121	28.936	29.87	44.2	42.6	41	88	.256	52.3	44.2	W	13			.08	10	stcu	W	Lt. Rain			EJ	19
20	72.0	29.035	.123	28.912	29.84	50.1	43.8	36	60	.211	52.2	35.8	E	2			0	7 2 3	st cu	W W	Cloudy			EJ	20
21	71.0	28.818	.119	28.699	29.62	54.9	52.7	51	87	.373	63.6	49.5	S	14			0	10	stcu	S	Cloudy			EJ	21
22	72.0	28.814	.122	28.692	29.61	53.9	53.8	54	99	.417	53.9	43.8	E	3			0.11	10	st	-	Cloudy			EJ	22
23	73.5	28.971	.127	28.844	29.75	61.3	55.8	52	71	.387	73.6	60.8	NE	10			T	3	cu	SW	Clear			EJ	23
24	73.0	29.148	.126	29.022	29.96	47.8	47.0	46	94	.310	48.3	41.9	E	9			0	5 3	2 st st	E E	Cloudy			EJ	24
25	71.0	29.109	.120	28.989	29.91	50.0	46.1	42	75	.266	75.1	50.0	N	8			T	10	stcu	NW	Cloudy			EJ	25
26	71.5	29.368	.122	29.246	30.18	48.0	40.3	31	50	.172	53.2	40.2	W	5			0	0	0	0	Clear			CLH	26
27	71.0	29.158	.121	29.037	29.97	56.1	46.4	36	47	.211	62.0	41.8	SW	12			0	4	cist	W	Pt Cloudy			EJ	27
28	73.0	29.473	.127	29.346	30.30	49.9	40.7	28	43	.150	54.9	40.8	NE	6			0	4	cist	SW	Pt. Cloudy			EJ	28
29	71.0	29.113	.120	28.993	29.93	42.8	39.9	36	78	.211	50.9	39.8	E	7			.01	10	nb	E	Lt Rain			EJ	29
30	71.0	29.284	.121	29.163	30.09	56.1	50.8	46	70	.310	58.2	45.8	SW	2			0	2 2	cu stcu	SW SW	Pt. Cloudy			EJ	30
31	70.5	28.866	.118	28.748	29.67	55.8	55.3	53	81	.402	63.2	40.2	N	3			0.32	8	st	SW	Cloudy			CLH	31
Sums		(a)	(a)	898.628	927.69	1438.2	1301.8	1140	2180	7.297	(a)	(a)	(a)	271	(a)	(a)	1.48	196	(a)	(a)	(a)	3	4	(a)	(a)
Means		(a)	(a)	28.988	29.925	46.4	42.0	36.8	70.3	.235	(a)	(a)	(c) W SW	8.7	(a)	(a)	(a)	6.3	U cist L Stcu	US-SW-W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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EJ observation commenced at 7:00 p.m.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1929, 192

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range (b) °	Change (b) °	Mean (max. and min.) (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Z p. m. to Z p. m. *‡‡ In.	Snow unmelted. Z p. m. to Z p. m. *‡‡ In.	Hail, sleet, and snow on ground at Z p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
1 Friday	44	30	14	1	37				S^D	DNa	DNa	R	2:55p	3:55p	S^M	3:55p	4:20p	S^D	DNp	DNp	.03	.09	-.06	-.06	0	0.1	0	.01	1
2	41	29	12	2	35				S^D	DNa	7:05a	S^D	7:30a	8:00a							T	.08	-.08	-.14	0	T	0	T	2
3	54	38	16	11	46				R	2:35p	cont.										.07	.08	-.01	-.15	0	0	0	0	3
4	42	33	9	8	38				R	cont.	7:20a										.08	.09	-.01	-.16	0	0	0	0	4
5	40	30	10	3	35																0	.09	-.09	-.25	0	0	0	0	5
6	60	25	35	7	42																0	.10	-.10	-.35	0	0	0	0	6
7	25	12	13	24	18				S^D	6:45a	7:10a	S^D	8:30a	9:50a	S^D	10:20a	12:45p				T	.09	-.09	-.44	0	T	T	T	7
8	40	16	24	10	28																0	.10	-.10	-.54	0	0	0	0	8
9	35	17	18	2	26																0	.10	-.10	-.64	0	0	0	0	9
10	41	14	27	2	28																0	.10	-.10	-.74	0	0	0	0	10
11	52	35	17	16	44																0	.11	-.11	-.85	0	0	0	0	11
12	67	42	25	10	54																0	.12	-.12	-.97	0	0	0	0	12
13	59	49	10	0	54				R	DNa	12:45p										0.53	.13	+.40	-.57	0	0	0	0	13
14	68	51	17	6	60				R	DNa	7:45a										0.33	.12	+.21	-.36	0	0	0	0	14
15	63	46	17	6	54				R	9:20a	2:00p	R	10:15p	10:50p							0.43	.12	+.31	-.05	0	0	0	0	15
16	47	30	17	16	38				R	DNa	5:55a	S^M	5:55a	8:20a							.12	.11	+.01	-.04	0	0.2	0	.02	16
17	45	30	15	0	38																0	.11	-.11	-.15	0	0	0	0	17
18	60	33	27	8	46																0	.10	-.10	-.25	0	0	0	0	18
19	52	40	12	0	46				R	11:15a	11:38a	R	12:35p	2:10p	R	3:50p	8:00p				.10	.10	0	-.25	0	0	0	0	19
20	52	36	16	2	44				R	10:10p	10:20p										T	.10	-.10	-.35	0	0	0	0	20
21	64	47	17	12	56				R	10:50p	10:55p										T	.10	-.10	-.45	0	0	0	0	21
22	60	44	16	4	52				R	9:00a	11:35a	R	12:10p	4:45p							0.11	.11	±.00	-.45	0	0	0	0	22
23	74	50	24	10	62				R	DNa	DNa	R	7:10a	7:20a	R	11:30p	cont.				0.15	.11	+.04	-.41	0	0	0	0	23
24	50	42	8	16	46				R	cont	DNa										0.23	.11	+.12	-.29	0	0	0	0	24
25	75	45	30	14	60				R	DNa	DNa	R	2:42p	2:55p	R	8:25p	cont.				0.10	.12	-.02	-.31	0	0	0	0	25
26	53	40	13	14	46				R	Cont	DNa										0.07	.11	-.04	-.35	0	0	0	0	26
27	62	40	22	5	51																0	.10	-.10	-.45	0	0	0	0	27
28	55	41	14	3	48																0	.10	-.10	-.55	0	0	0	0	28
29	51	39	12	3	45				R	6:15p	10.00p										05	.10	-.05	-.60	0	0	0	0	29
30	58	43	15	5	50																0	.11	-.11	-.71	0	0	0	0	30
31	64	40	24	2	52				R	11:25a	12:30p	R	3:45p	5:10p	R	9:35p	Cont				1.17	.11	+1.06	+0.35	0	0	0	0	31
S	1653	1107	546	222	1379		Total excess or deficiency since Jan. 1, —		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.57	3.22	Total excess or deficiency since Jan. 1,		0	0.3	(a)	(a)	(a)
M	53.3	35.7	17.6	7.2	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+0.25		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF MAR 1922, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.020	28.988	29.004	x 29.640	9	28.200	6	1.440	29.955	29.925	29.940	30.62	9	29.10	6	1.520
Corrected mean		28.999						Corrected mean		29.935	x From trace sheet.				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
38.8	46.4	42.6	36.4	42.0	39.2	53.3	35.7	44.5	75	25	12	7	63	35	6	8	24

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
33.1	36.8	35.0	79.8	70.3	75.0	.205	.235	.220	1	0	10	0

Clouds.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: Southwest

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7255	9.8	SW	39	W	7	5	4	6	4	8	18	13	4	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.8	6.3	6.7	56	5	10	16	0	2	13

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	12,15,23,25,31	6,7.	10,	22	1,4,13	1,4,13,14	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.57	2.12	mar 31 apr. 1	0	—	—	0	—	—	4	15	14	4	1	19	4	2	0.3	0

(w) Maximum precipitation in 5 minutes 0.18, date 31; 10 minutes 0.28, date 31; 15 minutes 0.32, date 31

30 minutes 0.60, date 31 - April 1; 1 hour 0.95, date 31 - April 1; 2 hours 1.54, date 31 - April 1

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
31 april 1	9:35 p cont	cont DN 2	1.80	11:12 pm	april 1 ~~1:32~~ m 12:30	~~0.11~~ 0.12	0.18	0.28	0.32	0.36	0.40	0.42	0.47	0.54	0.71	0.75	0.95	~~1.35~~ 1.34		

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. Hardy

Erle L. Hardy Meteorologist Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., *for the Month of* MAY 1929, *192*

Number of Station barometer, 656; *sum of corrections,* -.008 *inch.*

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
6	3:00pm	2:00pm	71.0	28.381	.117	28.264	29.17	58.3	49.0	40	18.3	50	58.3	SW	20	22	SW	0	0	0	0	Clear	Barometer fell .13	EJ	6
15	1:00pm	12 Noon	75.0	28.738	.130	28.608	29.52	53.8	53.8	54	0	100	53.8	E	8			.08	10	nb	SE	Lt. Rain	Barometer fell .12		15
						Extremes of pressure From barograph trace.																			
6	6 00 A.M.	5 00 P.M.				28.200	29.10	58															Lowest		6
9	12 Mid.	11 00 P.M.				29.640	30.62	16															Highest		9

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at FORT [illegible], [illegible], for the Month of MAR 1929, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									13	2	80	10	32	5	20	7			145	24
2									106	9	117	13	16	2					239	24
3									98	7	191	16	6	1					295	24
4	82	13	10	2					8	3	13	5			10	1			123	24
5	116	11									20	3	15	3	97	7			248	24
6									50	4	238	14	170	6					458	24
7													328	15	166	9			494	24
8							7	1	84	7	124	11	27	3	6	2			248	24
9	130	12											24	3	95	9			249	24
10									85	7	137	15	7	2					229	24
11							10	1	184	18	72	5							266	24
12							60	8	193	16									253	24
13							87	11	57	7	34	6							178	24
14	3	1	6	2			5	2			43	5	66	11	8	2	0	1	131	24
15	12	2	33	5	67	8	12	3	18	2	10	1	14	3					166	24
16	39	3									30	4	62	8	106	9			237	24
17	19	3									27	5	44	7	48	9			138	24
18									12	1	271	23							283	24
19											266	24							266	24
20					2	1	5	2	4	1	105	14	64	6					180	24
21											324	23	15	1					339	24
22			65	10	53	7	8	1	44	4			8	2					178	24
23	29	4	29	3					46	4	104	11	17	2					225	24
24			89	9	123	15													212	24
25	4	1							32	3	124	10	24	2	75	8			259	24
26	12	2									19	3	29	4	118	15			178	24
27											257	21	35	3					292	24
28	13	2	14	5									45	4	145	13			217	24
29			4	1	17	3	161	20											182	24
30							4	1	27	5	75	12	46	6					152	24
31	7	1	28	3	106	14	13	2	24	2	17	2							195	24
SUM,	466	55	278	40	368	48	372	52	1085	102	2698	256	1094	99	894	91	0	1	7255	744
PERCENTAGE,	7	7	4	5	5	7	5	7	15	14	37	35	15	13	12	12	0	0	a	a
AVG. HOURLY VELOCITY,	8.5	a	7.0	a	7.7	a	7.2	a	10.6	a	10.5	a	11.1	a	9.8	a	0	a	9.8	a

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1929, 192

Number of Station barometer, 656; sum of corrections, −0.09 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.18 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.0	28.692	.103	28.589	29.50	39.0	34.5	28	64	.150	64.2	39.0	SW	28			1.80	10	st cu	W	Cloudy		CLH.	1
2	64.0	29.480	.103	29.377	30.34	32.9	31.4	29	85	.157	33.9	29.8	S	12			T	10	st	W	Lt. Snow		CLH.	2
3	69.0	29.416	.117	29.299	30.24	45.8	41.0	35	66	.203	47.8	38.8	S	6			0	8	2 cu	W	Cloudy		CLH.	3
4	71.0	29.240	.121	29.119	30.04	57.2	54.8	53	86	.402	67.8	55.2	SW	12			.01	10	st cu	W	Cloudy		CLH.	4
5	75.0	29.086	.131	28.955	29.86	68.0	63.5	61	78	.536	70.2	64.9	W	11			0	2 3	2 cu cu	W W	Pt Cloudy		CLH.	5
6	77.0	29.120	.136	28.984	29.89	69.5	64.0	61	74	.536	75.2	67.3	SW	15			0	4	2 st	W	Pt Cloudy		CLH.	6
7	78.0	29.182	.139	29.043	29.95	66.9	61.1	57	72	.465	76.2	64.2	SW	14			0	7	ci	SW	Pt Cloudy		CH.	7
8	79.0	29.166	.142	29.024	29.94	53.8	53.0	52	95	.387	75.3	53.8	NW	6			0.63	10	st cu	NW	Lt. Rain		CLH.	8
9	75.0	29.220	.132	29.088	30.02	48.4	44.2	40	72	.247	58.8	48.4	NE	10			T	10 4	st cu cu	W SE	Cloudy		CLH.	9
10	70.0	29.113	.118	28.995	29.94	40.2	38.2	35	84	.203	42.3	36.4	NE	15			.33	6 10	st cu Nb	SE E	Cloudy		CLH.	10
11	68.0	28.920	.112	28.808	29.74	40.2	40.2	40	100	.247	40.9	39.1	E	8			.06	10	D Fog	E	Lt. Rain		CLH.	11
12	67.0	29.008	.110	28.898	29.83	38.9	35.4	31	72	.172	49.2	38.0	SW	12			T	10	st cu	W	Cloudy		CLH.	12
13	69.0	29.168	.116	29.052	29.99	38.8	36.8	34	84	.195	42.2	38.8	NW	6			.16	3	ci st	W	Clear		CLH.	13
14	72.0	29.290	.124	29.166	30.10	38.0	36.0	33	83	.187	48.9	37.7	NE	6			0	8	2 st	SW	Cloudy		CLH.	14
15	69.0	29.067	.115	28.952	29.88	37.8	36.0	33	85	.187	47.8	37.2	NE	12			0	10	st cu	NE	Cloudy		CLH.	15
16	72.0	29.058	.123	28.935	29.88	37.8	35.3	32	79	.180	46.3	35.8	N	10			0	Few	2 cu	N	Clear		CLH.	16
17	72.0	29.056	.123	28.933	29.86	39.7	36.2	32	72	.180	47.4	36.6	NW	10			0	3	ci st	NW	Clear		CLH.	17
18	69.0	29.160	.116	29.044	29.98	34.0	30.5	25	67	.130	44.6	32.0	NW	12			0	0	0	0	Clear		CLH.	18
19	70.0	29.370	.119	29.251	30.20	35.0	29.5	20	50	.103	42.6	31.6	SE	3			0	2 5	2 cu 2 st	SW SW	Pt Cloudy		CLH.	19
20	70.0	29.00	.118	28.886	29.82	43.2	42.7	42	96	.266	50.9	43.2	NE	5			.23	10	st	SW	Cloudy		CLH.	20
21	69.5	29.011	.116	28.895	29.83	42.9	42.9	43	100	.277	47.8	42.9	NE	9			T	10	st	NE	Lt. Rain		CH	21
22	66.0	29.324	.108	29.216	30.15	44.0	37.0	27	51	.143	50.9	38.8	N	6			0	0	0	0	Clear		CLH.	22
23	69.0	29.468	.117	29.351	30.29	46.2	40.7	34	62	.195	57.2	42.0	NW	3			0	0	0	0	Clear		PAL.	23
24	70.5	29.248	.120	29.128	30.06	52.2	44.7	36	55	.211	59.9	48.6	SE	7			0	3 5	2 st 2 cu	S S	Cloudy		PAL.	24
25	70.5	28.594	.117	28.477	29.38	59.1	57.1	56	89	.448	63.8	55.6	SW	11			.40	7	st cu	SW	Pt Cloudy		PAL.	25
26	68.0	28.944	.112	28.832	29.75	43.3	40.3	36	78	.211	52.1	42.4	W	10			.03	0	0	0	Clear		PAL	26
27	69.0	29.176	.116	29.060	29.99	52.2	47.7	43	72	.277	61.2	47.5	SW	8			0	3 3	2 cu ci	SW N	Pt. Cloudy		PAL	27
28	70.0	28.720	.117	28.603	29.51	55.0	53.0	52	88	.387	65.0	52.4	S	14			.04	10	st cu	SW	Cloudy		CLH.	28
29	66.5	29.218	.109	29.109	30.05	42.1	38.1	33	70	.187	49.9	40.9	W	6			T	0	0	0	Clear		PAL	29
30	67.5	29.058	.111	28.947	29.88	49.9	44.4	39	65	.237	52.8	43.8	SE	4			0	4 3	2 cu st	SE SE	Pt Cloudy		PAL.	30
31																								31
Sums	(a)	(a)	(a)	870.016	897.89	1392.0	1240.2	1172	2294	7.706	(a)	(a)	(a)	291	(a)	(a)	3.69	193	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.001	29.930	46.4	43.0	39.1	76.5	.257	(a)	(a)	(c) SW	9.7	(a)	(a)	(a)	6.4	U 2 cu L 5 cu	U SW L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.363	.113	29.250	30.20	33.9	31.9	29	81	.157	39.0	31.8	W	14			T	10	st cu	W	Cloudy				1
2	71.0	29.486	.122	29.364	30.31	47.8	40.8	32	54	.180	53.0	32.9	NW	3			T	Few	cu	NW	Clear				2
3	72.5	29.331	.125	29.206	30.14	67.8	58.9	53	59	.402	73.8	45.8	S	9			0	2 2	cu st cu	SW SW	Pt Cloudy				3
4	74.0	29.131	.129	29.002	29.92	70.2	65.9	64	80	.595	73.1	57.2	E	2			.40	4 5	sty st	W W	Cloudy				4
5	78.0	29.022	.138	28.884	29.79	75.2	63.9	58	54	.482	81.8	68.0	SW	14			0	5 2	2 st cu	SW SW	Pt Cloudy				5
6	79.0	29.124	.141	28.983	29.88	76.2	67.8	63	65	.575	83.0	69.5	S	9			0	5 2	ci st ci	SW SW	Pt Cloudy				6
7	79.0	29.088	.141	28.947	29.86	75.3	64.1	58	54	.482	81.3	66.9	SW	8			0	6 4	2 st cu	SW SW	Cloudy				7
8	75.5	29.204	.133	29.071	30.00	58.8	52.8	48	68	.334	62.9	51.9	NW	6			T	10	st	NW	Cloudy				8
9	74.0	29.109	.128	28.981	29.92	42.3	41.2	40	91	.247	54.9	42.3	NE	21			.08	10	st	NE	Lt. Rain				9
10	72.0	29.177	.124	29.053	29.99	40.8	38.9	37	84	.219	47.4	40.2	E	16			0	10	st cu	E	Cloudy				10
11	72.0	28.876	.123	28.753	29.67	49.2	43.8	38	65	.228	61.3	40.2	SW	13			0.25	7	st cu	W	Pt Cloudy	B 7:30a E 10:00a	B 6:40a E 7:50a		11
12	72.0	29.129	.124	29.005	29.94	42.2	38.0	33	68	.187	43.2	38.9	W	10			T	10	st cu	W	Cloudy				12
13	76.0	29.232	.134	29.098	30.04	48.9	40.7	30	48	.164	53.8	38.8	NW	5			0	1	st cu	NW	Clear				13
14	72.0	29.124	.124	29.008	29.95	47.8	42.3	36	63	.211	51.9	38.0	NE	7			0	10	2 st	W	Cloudy			C.L.H.	14
15	75.0	29.032	.131	28.901	29.84	46.3	42.2	37	72	.219	52.6	37.8	NE	15			0	3 2	2 st st cu	NE NE	Pt Cloudy				15
16	75.0	29.031	.131	28.900	29.83	47.4	40.8	32	56	.180	51.8	37.8	N	5			0	2 7	st st cu	N N	Cloudy				16
17	73.0	29.078	.125	28.953	29.89	44.6	37.1	27	48	.143	51.7	39.7	NW	12			0	1	st cu	N	Clear				17
18	74.0	29.279	.129	29.150	30.09	42.6	33.9	19	37	.098	50.0	34.0	NW	9			0	0	0	0	Clear				18
19	73.0	29.149	.126	29.023	29.96	50.9	41.9	31	45	.172	54.0	35.0	E	12			0	10	2 st	SW	Cloudy				19
20	71.5	28.881	.121	28.760	29.68	47.8	47.3	47	96	.322	64.9	43.2	NE	9			.46	10	st cu	NW	Lt. Rain	B 8:50a E 10:00a			20
21	69.0	29.092	.115	28.977	29.92	50.9	43.2	34	53	.195	52.2	42.6	NE	10			.04	4 3	2 cu ci st	NE NE	Pt Cloudy				21
22	70.5	29.392	.121	29.271	30.21	57.2	45.1	31	36	.172	59.9	44.0	N	2			0	0	0	0	Clear				22
23	71.0	29.350	.121	29.229	30.16	59.9	47.0	32	35	.180	63.9	46.2	W	2			0	4	ci st	W	Pt Cloudy				23
24	71.0	28.972	.120	28.852	29.76	63.8	56.6	51	65	.373	67.8	52.2	SE	5			T	7 3	2 st 2 cu	SW SW	Cloudy				24
25	70.0	28.506	.116	28.390	29.30	52.1	51.8	52	98	.387	68.9	52.1	SW	14	40	S	.24	10	st	SW	Lt. Rain				25
26	70.0	29.102	.118	28.984	29.91	61.2	51.7	43	52	.277	64.8	43.3	SW	4			0	7	st cu	W	Pt Cloudy			C.L.H.	26
27	71.0	28.956	.120	28.836	29.75	65.0	53.1	43	44	.277	69.8	52.0	S	9			0	10	ci st	SW	Cloudy				27
28	69.0	28.944	.115	28.829	29.75	49.9	45.4	41	71	.256	60.6	49.9	W	9	33	NW	.12	3 4	cu st cu	W W	Pt Cloudy				28
29	69.5	29.174	.117	29.057	30.00	52.8	45.3	38	56	.228	57.2	42.1	W	8			T	4 5	2 st st cu	W W	Cloudy			C.L.H.	29
30	70.0	28.771	.117	28.654	29.56	68.9	58.4	51	53	.373	75.6	49.9	S	10			0	9 1	ci st cu	SW SW	Cloudy				30
31																									31
Sums		(a)	(a)	869.371	897.22	1637.7	1431.8	1228	1851	8315	(a)	(a)	NE	272	(a)	(a)	1.59	214	(a)	(a)	(a)	2	1	(a)	(a)
Means		(a)	(a)	28.979	29.907	54.6	47.7	40.9	61.7	.277	(a)	(a)	(c) SW NW	9.1	(a)	(a)	(a)	7.1	U a St L St cu	U SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Apr 1920, 192

Date.	Temperature: Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp.m. to Zp.m. *‡‡	Snow unmelted. Zp.m. to Zp.m. *‡‡	Hail, sleet, and snow on ground at Zp.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Monday	60	32	28	6	46				R	Cont	DNa	SD	6:10a	6:30a	SD	8:00a	12:45p	SD	1:50p	4:00p	0.95	.11	+.84	+.84	0	T	0	T	1
2	53	30	23	4	42				SD	6:55a	7:15a										T	.11	-.11	+.73	0	T	0	T	2
3	74	39	35	14	56																0	.10	-.10	+.63	0	0	0	0	3
4	73	55	18	8	64				R+H	DNa	DNa	R	8:00a	9:50a							.41	.10	+.31	+.94	T	0	0	0	4
5	82	65	17	10	74																0	.10	-.10	+.84	0	0	0	0	5
6	83	67	16	1	75																0	.10	-.10	+.74	0	0	0	0	6
7	81	61	20	4	71				R	10:00p	Cont										.43	.10	+.33	+1.07	0	0	0	0	7
8	63	52	11	13	58				R	Cont	DNa	R	6:25a	7:15a							.20	.11	+.09	+1.16	0	0	0	0	8
9	55	36	19	12	46				R	DNa	DNa	R	3:47p	Cont							.39	.10	+.29	+1.45	0	0	0	0	9
10	47	36	11	4	42				R	Cont	DNa										.02	.10	-.08	+1.37	0	0	0	0	10
11	61	39	22	8	50				R R	3:05p 6:40p	3:07p 7:05p	H R	3:07p 1:39p	3:09p 1:41p	R H	3:09p 1:41p	3:42p 1:47p	R R	10:40p 1:47p	11:10p 1:52p	.31	.10	+.21	+1.58	0.5	0	0	0	11
12	43	38	5	10	40				R	8:00a	8:15a										T	.10	-.10	+1.48	0	0	0	0	12
13	54	39	15	6	46				R	DNa	DNa										.16	.09	+.07	+1.55	0	0	0	0	13
14	52	38	14	1	45																0	.09	-.09	+1.46	0	0	0	0	14
15	53	37	16	0	45																0	.10	-.10	+1.36	0	0	0	0	15
16	52	36	16	1	44																0	.11	-.11	+1.25	0	0	0	0	16
17	52	36	16	0	44																0	.10	-.10	+1.15	0	0	0	0	17
18	50	32	18	3	41																0	.10	-.10	+1.05	0	0	0	0	18
19	54	32	22	2	43																0	.11	-.11	+.94	0	0	0	0	19
20	65	43	22	11	54				R	DNa	6:35a	R	7:05a	12:50p	R	3:45p	7:30p				.69	.11	+.58	+1.52	0	0	0	0	20
21	52	42	10	7	47				R	6:30a	1:05p										.04	.10	-.06	+1.46	0	0	0	0	21
22	60	39	21	3	50																0	.10	-.10	+1.36	0	0	0	0	22
23	64	42	22	3	53																0	.10	-.10	+1.26	0	0	0	0.	23
24	68	49	19	5	58				R	10:10a	10:20a	R	2:00p	2:29p	R	10:30p	Cont				.01	.10	-.09	+1.17	0	0	0	0	24
25	69	48	21	0	58				R R	3:45p Cont	Cont 5:30a	R	7:20a	8:30a	R	12:17p	12:25p	R	1:08p	2:10p	.66	.10	+.56	+1.73	0	0	0	0	25
26	65	42	23	4	54				R	Cont	DNa										T	.11	-.11	+1.62	0	0	0	0	26
27	70	48	22	5	59				R	DNp	DNp										T	.11	-.11	+1.51	0	0	0	0	27
28	61	45	16	6	53				R R	12:24p DNa	12:26p DNa	R+H R	12:26p 7:07a	12:31p 8:40a	R R	1:30p 11:50a	1:34p 12:22p	R R+H	1:59p 12:22p	2:05p 12:24p	.16	.11	-.05	+1.56	T	0	0	0	28
29	57	41	16	4	49				R	DNa	DNa										T	.10	-.10	+1.46	0	0	0	0	29
30	76	44	32	11	60				R	5:34p	DNp										.06	.10	-.04	+1.42	0	0	0	0	30
31																													31
S	1849	1283	566	166	1567		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.49	3.07	Total excess or deficiency since Jan. 1,	0.5	T	(a)	(a)	(a)	S
M	61.6	42.8	18.9	5.5	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+2.05	(a)	(a)	(a)	(a)	(a)	M

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF APR 1909, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.001	28.979	28.990	29.377	2	x 28.300	25	1.077	29.930	29.907	29.918	30.34	2	x 29.20	25	1.14
Corrected mean		28.985						Corrected mean		29.913	x From barograph trace.				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
46.4	54.0	50.5	43.0	47.7	45.4	61.6	42.8	52.2	83	6	30	2	53	35	3	5	12

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
39.1	40.9	40.0	76.5	61.7	69.1	.257	.277	.267	0	0	4	0

CLOUDS.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: Southwest

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7518	10.4	SW	40	S	25	4	11	4	4	7	12	8	10	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.4	7.1	6.5	61	5	12	13	1	3	10

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
14,17,23	18	19	4,11,25,28,30	25-28	7	23	11,20	11	0	0	0	0	4,11,28	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.49	x 0.69	20	–	none			none		5	14	12	7	0	19	2	0	T	0

x(w) Maximum precipitation in 5 minutes 0.15, date 20; 10 minutes 0.21, date 20; 15 minutes 0.25, date 20

30 minutes 0.27, date 20; 1 hour 0.36, date 7; 2 hours 0.50, date 7+8.

x Record for April 1, was included in that for March.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1899, 192

Number of Station barometer, 656; sum of corrections, +.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
1	11:20am	10:20am	68.5	28.910	.114	28.796	29.72	32.0	29.4	26	6.0	73	39.0	SW	24	31	SW	T	10	st cu	W	Lt. Snow	12 rise barometer special to Chicago trip	EJ	1
20	12:Noon	11:00am	71.0	28.940	.120	28.820	29.74	51.8	51.6	51	0.8	99	51.8	E	2			.06	10	st cu	W	Lt Rain		E.L.H.	20
25	2:40pm	1:40pm	71.5	28.466	.119	28.347	29.26	55.6	54.0	53	2.6	90	68.9	SW	16	40	S	.18	10	st cu	SW	Lt. Rain	Wind	P.A.L	25
										Extreme of pressure															
25	2 00 P.M	1 00 P.M				28.300	29.20	69.0															Heavier		25

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at FORT, IND., for the Month of APR. 1929, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									19	1	212	10	246	13					477	24
2			4	1	15	3			73	8	27	3	96	7	5	2			220	24
3					18	5			35	4	170	15							223	24
4					10	2			34	4	90	9	105	9					239	24
5											241	14	142	10					383	24
6									39	4	273	20							312	24
7									33	3	273	19	14	2					320	24
8	28	6	7	1	10	2			11	2			23	4	63	9			143	24
9			327	24															327	24
10			298	19	75	5													373	24
11					106	10	11	2	20	2	118	10							235	24
12											180	17	77	7					257	24
13											34	6	90	10	29	7	0	1	153	24
14	5	1	173	22	8	1													186	24
15	44	4	275	20															319	24
16	228	21													37	3			265	24
17															263	24			263	24
18													62	7	185	17			247	24
19			15	2	77	9	20	5	20	3			3	2	4	3			143	24
20	18	2	70	8	44	9	3	1	22	2	19	2							176	24
21	42	4	236	20															278	24
22	159	22													12	2			171	24
23	2	1							1	1	35	8	24	6	15	6	0	2	77	24
24					15	3	94	16	22	5									131	24
25					11	2	15	2	106	9	89	7	49	3	14	1			284	24
26											40	6	181	15	37	3			258	24
27									86	8	193	16							279	24
28									70	6	45	3	138	10	89	5			342	24
29	4	1	4	1									133	17	35	5			176	24
30					25	6	15	2	166	13	36	3							242	24
31																				
SUM,	530	62	1409	118	418	57	158	28	757	75	2075	168	1383	122	788	87	0	3	7518	720
PERCENTAGE,	7	9	19	16	6	8	2	4	10	11	28	23	18	17	10	12	0	0	a	a
AVG. HOURLY VELOCITY,	8.5	a	11.9	a	7.3	a	5.6	a	10.1	a	12.4	a	11.3	a	9.1	a	0	a	10.4	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	69.0	28.764	.114	28.650	29.55	58.1	54.1	51	77	.373	68.9	56.6	S	10			.06	3 3	st cu cu nb	S S	Pt Cloudy		P.A.L.	1
2	69.0	28.672	.114	28.558	29.48	39.2	37.7	36	88	.211	48.9	38.8	NE	18			.31	10	st cu	NE	Cloudy		P.A.L.	2
3	64.0	28.755	.101	28.654	29.58	36.1	34.6	32	87	.180	38.7	33.5	W	18			T	4 4	a cu st cu	NW NW	Cloudy		P.A.L.	3
4	65.0	28.964	.104	28.860	29.80	42.1	39.1	35	77	.203	42.8	36.8	SW	10			0	2	ci cu	SW	Clear		P.A.L.	4
5	65.0	29.108	.104	29.004	29.94	41.4	39.4	37	84	.219	47.3	37.2	SW	8			0	1	ci st	SW	Clear		C.H.	5
6	66.0	29.186	.108	29.078	30.01	49.1	44.1	39	67	.237	51.4	44.7	S	1			0	4 5	a st st cu	S S	Cloudy		P.A.L.	6
7	66.0	29.372	.108	29.264	30.20	41.5	38.5	34	77	.195	47.4	36.6	W	8			0	0	0	0	Clear		P.A.L.	7
8	69.0	29.536	.117	29.419	30.36	47.1	41.1	34	60	.195	50.2	41.6	SE	2			0	1 2	a cu ci st	S S	Clear		P.A.L.	8
9	70.0	29.576	.119	29.457	30.40	45.5	42.5	40	79	.247	57.1	44.0	N	4			T	7	a cu	W	Pt. Cloudy		P.A.L.	9
10	71.5	29.676	.124	29.552	30.50	47.1	40.1	31	54	.172	54.8	42.1	SE	4			0	2	ci cu	S	Clear		P.A.L.	10
11	72.0	29.328	.124	29.204	30.12	61.1	57.1	54	79	.417	61.1	50.3	S	10			0	3 2	a cu st cu	S S	Pt. Cloudy		P.A.L.	11
12	75.0	29.340	.132	29.208	30.13	57.0	55.5	54	91	.417	72.2	56.0	NE	3			0.58	10	st	W	Lt. Rain		E.L.H.	12
13	71.0	29.472	.122	29.350	30.29	49.9	46.4	43	77	.277	61.0	49.5	NE	12			0	5 5	a st st	E E	Cloudy		P.A.L.	13
14	72.0	29.148	.124	29.024	29.95	58.1	58.1	58	100	.482	58.1	51.3	SE	8			0.52	10	st	SE	Lt. Rain		P.A.L.	14
15	73.0	29.194	.126	29.068	29.99	62.2	59.7	58	87	.482	67.4	59.2	SW	6			0	3 3	a cu cu	SW SW	Pt. Cloudy		P.A.L.	15
16	72.0	29.242	.124	29.118	30.05	39.1	36.1	32	76	.180	75.2	39.1	NW	16			.06	4 5	st st cu	NW NW	Cloudy		P.A.L.	16
17	72.5	29.366	.125	29.241	30.17	47.3	42.3	36	66	.211	50.9	42.6	SE	7			0	2 3	ci ci st	SE SE	Pt. Cloudy		P.A.L.	17
18	74.0	29.128	.129	28.999	29.92	59.3	54.8	51	75	.373	62.3	54.1	SW	6			T	4 3	ci st cu	S S	Pt. Cloudy		P.A.L.	18
19	71.0	29.322	.121	29.201	30.13	42.9	40.6	38	83	.228	54.9	42.9	N	14			.04	10	st cu	NE	Cloudy		C.H.	19
20	69.5	29.424	.118	29.306	30.25	42.6	39.1	35	74	.203	52.1	35.8	NE	8			0	2	ci cu	E	Clear		P.A.L.	20
21	68.5	29.376	.115	29.261	30.20	47.6	41.6	35	60	.203	53.9	40.9	NW	7			0	0	0	0	Clear		P.A.L.	21
22	71.0	29.510	.122	29.388	30.33	48.2	43.2	37	67	.219	60.3	44.9	NE	4			0	0	0	0	Clear		P.A.L.	22
23	72.0	29.262	.124	29.138	30.06	57.0	50.0	44	61	.287	64.9	52.6	SW	12			0	3 3	a st a cu	SW SW	Pt. Cloudy		P.A.L.	23
24	73.0	29.200	.126	29.074	29.99	58.8	57.3	57	92	.465	68.1	56.9	W	6			0.11	4 5	a st st cu	W W	Cloudy		P.A.L.	24
25	73.5	29.322	.128	29.194	30.11	52.7	49.2	46	78	.310	52.7	49.2	NE	8			0	0	0	0	Clear		P.A.L.	25
26	74.0	29.288	.129	29.159	30.08	56.0	53.5	52	85	.387	69.9	50.8	NE	8			0	7 2	cu st cu	S S	Cloudy		E.L.H.	26
27	74.0	29.328	.129	29.199	30.12	69.6	66.1	65	83	.616	69.6	61.5	SE	2			0	3 3	ci cu a cu	S S	Pt. Cloudy		P.A.L.	27
28	76.0	29.420	.135	29.285	30.20	68.2	68.2	68	100	.684	68.8	67.1	SW	9			.07	10	st cu	SW	Lt. Rain		E.L.H.	28
29	76.0	29.434	.135	29.299	30.22	69.2	67.2	66	90	.638	72.2	65.8	SW	7			0	4	ci cu cu	W SW	Pt Cloudy		E.L.H.	29
30	81.0	29.340	.148	29.192	30.09	75.6	70.0	68	78	.684	83.6	70.0	SW	6			0	5	ci st	W	Pt Cloudy		E.L.H.	30
31	82.0	29.330	.150	29.180	30.09	69.0	63.0	60	72	.517	79.8	66.6	N	4			T	10	st cu	NW	Cloudy		E.L.H.	31
Sums		(a)	(a)	903.584	932.31	1638.0	1530.2	1426	2424	10.512	(a)	(a)	(a)	246	(a)	(a)	1.75	182	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.148	30.075	52.8	49.4	46.0	78.2	.339	(a)	(a)	(c) SW	7.9	(a)	(a)	(a)	5.9	U Cu-cu L St-cu	U S L S	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds.

L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible] 1929, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.5	28.885	.119	28.766	29.68	48.9	45.4	42	77	.266	69.0	48.9	NW	10			T	7 3	2 st 2 cu	NW NW	Cloudy				1
2	68.0	28.554	.111	28.443	29.37	35.1	34.8	34	97	.195	40.0	35.1	NW	24			.50	10	st cu	NW	Lt. Snow				2
3	67.0	28.944	.110	28.834	29.76	42.8	37.1	~~35~~ 29	~~47~~ 58	~~.207~~ .157	43.4	36.1	W	9			T	1 9	st st cu	W W	Cloudy				3
4	68.0	28.991	.112	28.879	29.81	47.3	41.1	34	59	.195	52.9	42.1	SW	7			0	9	2 cu	SW	Cloudy				4
5	66.0	29.184	.108	29.076	30.02	51.4	44.1	36	56	.211	55.8	41.4	SW	5			0	1 2	ci ci st	W W	Clear				5
6	68.5	29.221	.114	29.107	30.04	47.4	44.0	41	77	.256	54.4	47.4	N	6			.01	2 8	st st cu	W W	Cloudy				6
7:00p 7	71.0	29.511	.122	29.389	30.34	50.2	42.3	33	51	.187	54.9	41.5	NW	6			0	0	0	0	Clear				7:00p 7
8	71.0	29.461	.122	29.339	30.28	57.1	47.2	37	47	.219	62.6	47.1	N	4			0	10	2 st	W	Cloudy				8
9	74.0	29.608	.130	29.478	30.42	54.8	45.1	34	46	.195	58.3	45.5	NE	5			0	2	ci st	SW	Clear				9
10	74.0	29.508	.130	29.378	30.32	58.4	46.9	34	40	.195	62.8	47.1	E	9			0	10	2 st	W	Cloudy			C.L.H.	10
11	74.0	29.224	.129	29.095	30.02	72.2	66.2	63	73	.575	74.6	61.1	S	13			0	1 3 6	2 cu st cu	SW SW	Cloudy				11
12	72.5	29.400	.126	29.274	30.20	61.0	53.0	46	59	.310	64.9	54.8	NW	2			.22	10	2 st	W	Cloudy			C.L.H.	12
13	74.0	29.391	.130	29.261	30.20	54.9	54.3	54	96	.417	56.9	49.6	E	11			.10	10	st	E	Lt. Rain				13
14	75.0	29.117	.131	28.986	29.91	67.4	61.9	58	73	.482	75.0	58.1	W	12			.23	2 4	cu st cu	W W	Pt Cloudy				14
15	77.0	28.976	.136	28.840	29.74	75.2	67.9	65	69	.616	80.3	62.2	S	16			T	Few 2	cu st cu	SW SW	Clear				15
16	75.0	29.430	.133	29.297	30.24	50.9	44.2	36	59	.211	54.0	38.3	NE	4			0	2 1	ci st ci	NE SW	Clear				16
17	75.0	29.175	.132	29.043	29.97	62.3	55.2	50	64	.360	65.1	47.3	SW	4			0	4	2 cu st cu	SW SW	Pt. Cloudy				17
18	74.0	29.072	.128	28.944	29.86	54.9	54.8	55	99	.432	64.2	54.9	N	5			.90	10	st	NE	Lt. Rain				18
19	72.0	29.389	.125	29.264	30.20	52.1	46.1	40	63	.247	54.9	42.2	NE	5			0	1	cu	E	Clear				19
20	70.5	29.324	.120	29.204	30.13	53.9	45.2	36	50	.211	58.2	42.6	N	7			0	2 4 2	ci cu ci st st cu	SW SW NE	Cloudy				20
21	72.0	29.459	.125	29.334	30.27	60.3	49.2	38	44	.228	63.7	47.6	N	5			0	2	ci st	SW	Clear				21
22	74.0	29.391	.130	29.261	30.20	64.9	52.8	42	44	.266	69.2	48.2	S	6			0	1 2	ci ci st	SW SW	Clear				22
23	73.5	29.117	.127	28.990	29.91	68.1	58.0	51	55	.373	73.8	57.0	SW	9			T	1 1	2 st st cu	W W	Cloudy				23
24	75.0	29.275	.132	29.143	30.06	64.1	54.0	46	52	.310	67.1	58.8	N	4			0	2	ci st	NW	Clear				24
25	74.5	29.231	.130	29.101	30.02	69.9	62.1	57	65	.465	72.0	52.7	NE	14			0	10	st cu	SW	Cloudy				25
26	74.0	29.268	.129	29.139	30.06	69.6	66.2	65	84	.616	80.0	56.0	SE	4			.09	7 2	ci st 2 st	W W	Cloudy				26
27	76.0	29.332	.134	29.198	30.12	68.8	66.1	64	87	.595	83.3	68.1	S	6			.06	6 2	ci st 2 st	SW SW	Cloudy				27
28	76.5	29.348	.136	29.212	30.13	72.2	70.1	69	91	.707	78.0	67.0	SW	4			.89	8 2	ci st 2 st	SW SW	Cloudy				28
29	81.0	29.318	.148	29.170	30.08	83.6	73.1	69	61	.707	88.8	69.2	S	5			0	1	ci	W	Clear				29
30	84.0	29.269	.156	29.113	30.02	79.8	72.2	69	70	.707	88.7	75.0	SW	4			T	6 2 1	ci st 2 st ci	W W W	Cloudy				30
31	81.0	29.214	.147	29.067	29.98	76.8	67.1	62	61	.555	82.8	69.0	W	6			0	5 1	ci st 2 cu	W W	Pt. Cloudy				31
Sums		(a)	(a)	902.625	931.36	1876.3	1667.7	1489	2027	11.466	(a)	(a)	(a)	231	(a)	(a)	3.00	210	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.117	30.044	60.5	53.8	48.0	65.4	.370	(a)	(a)	(c) N-SW	7.5	(a)	(a)	(a)	6.8	U cirst L Stu	U W-SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May 1929, 192

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Wednesday 1	69	44	25	4	56				R	8:25a	8:35a	R	11:40p	Cont							T	.11	-.11	-.11	0	0	0	0	1
2	46	35	11	16	40				SM R	5:30p Cont	10:45p 6:25a	R	7:06a	1:20p	R	1:40p	2:30p	R	3:10p	5:30p	.81	.11	+.70	+.59	0	T	0	T	2
3	43	34	9	2	38				SM	DNa	DNa	SM	9:50a	9:55a	SM	12:15p	12:20p				T	.11	-.11	+.48	0	T	0	T	3
4	53	37	16	7	45																0	.11	-.11	+.37	0	0	0	0	4
5	56	37	19	1	46																0	.12	-.12	+.25	0	0	0	0	5
6	54	42	12	2	48				R	11:22	1:05p	R	2:45p	5:30p							.01	.12	-.11	+.14	0	0	0	0	6
7	55	37	18	2	46																0	.11	-.11	+.03	0	0	0	0	7
8	63	42	21	6	52				R	10:15p	10:25p										T	.11	-.11	-.08	0	0	0	0	8
9	58	44	14	1	51				R	DNa	DNa										T	.12	-.12	-.20	0	0	0	0	9
10	63	42	21	1	52																0	.13	-.13	-.33	0	0	0	0	10
11	75	50	25	10	62				R	7:16p	7:30p	H	7:30p	7:32p	R	7:32p	Cont				.45	.12	+.33	0	0 T	0	0	0	11
12	65	55	10	2	60				R	Cont	DNa	R	6:25a	11:10a	R	3:48p	4:30p				.35	.13	+.22	+.22	0 T	0	0	0	12
13	58	50	8	6	54				R	8:05a	8:20a	R	9:00a	10:00a	R	10:30a	12:40p	R	3:20p	Cont	.23	.14	+.09	+.31	0	0	0	0	13
14	75	52	23	10	64				R	Cont	8:05a	R	11:43a	12:40p							.62	.13	+.49	+.80	0	0	0	0	14
15	80	59	21	6	70				R	2:50p	2:35p	R	9:50p	DNp							.06	.13	+.07	+.73	0	0	0	0	15
16	64	38	26	19	51																0	.14	-.14	+.59	0	0	0	0	16
17	65	43	22	3	54																0	.14	-.14	+.45	0	0	0	0	17
18	64	48	16	2	56				R	DNa	DNa	R	9:14a	DNp							.94	.13	+.81	+1.26	0	0	0	0	18
19	55	42	13	8	48																0	.13	-.13	+1.13	0	0	0	0	19
20	58	36	22	1	47																0	.13	-.13	+1.00	0	0	0	0	20
21	64	41	23	5	52																0	.13	-.13	+.87	0	0	0	0	21
22	69	45	24	5	57																0	.13	-.13	+.74	0	0	0	0	22
23	74	53	21	7	64				R	5:10p	5:30p	R	7:50p	Cont							.09	.13	-.04	+.70	0	0	0	0	23
24	67	53	14	4	60				R	Cont	DNa										.02	.14	-.12	+.58	0	0	0	0	24
25	72	48	24	0	60																0	.13	-.13	+.45	0	0	0	0	25
26	80	51	29	6	66				R	1:25p	1:30p	R	3:10p	4:35p							.09	.13	-.04	+.41	0	0	0	0	26
27	83	62	21	6	72				R	9:47a	9:53a	R	2:48p	4:45p	R	DNp	Cont				.06	.12	-.12	+.35	0	0	0	0	27
28	78	67	11	0	72				R	Cont	11:20a										.96	.12	+.84	+1.19	0	0	0	0	28
29	89	66	23	6	78																0	.12	-.12	+1.07	0	0	0	0	29
30	89	70	19	2	80				R	3:30p	3:50p	R	DNp	DNp							T	.12	-.12	+.95	0	0	0	0	30
31	83	67	16	5	75																0	.11	-.11	+.84	0	0	0	0	31
S	2067	1490	577	156	1776		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.69	3.85	Total excess or deficiency since Jan. 1,	T	T	(a)	(a)	(a)
M	66.7	48.1	18.6	5.0	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+2.89	(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF ....., 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.141	29.117	29.132	x 29.580	10	28.300	2	1.280	30.075	30.044	30.060	x 30.53	10	x 29.22	2	1.31
Corrected mean		29.127						Corrected mean		30.055	x From barograph trace				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
52.8	60.5	56.6	49.4	53.8	51.6	66.7	48.1	57.4	89	29	34	3	55	29	26	8	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative Humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor Pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
46.0	48.0	47.0	78.2	65.4	71.8	.339	.370	.354	0	0	0	0

Clouds.
Most frequent clouds: Strato-cumulus
Most frequent direction upper clouds: SW
Most frequent direction lower clouds: W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6187	8.3	SW	32	NE	2	9	11	2	6	8	14	6	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.9	6.8	6.1	67	5	15	11	0	3	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
4,7,8,10,20	5, 17	0	2, 11, 15, 26, 28	0	10, 17	15	0	0	0	0	0	0	11	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.69	1.02	27-28	0	—	—	0	—	—	5	13	11	6	0	18	2	0	T	0

(w) Maximum precipitation in 5 minutes 0.23, date 11"; 10 minutes 0.28, date 11"; 15 minutes 0.28, date 11"
30 minutes 0.31, date 11"; 1 hour 0.38, date 28"; 2 hours 0.67, date 28"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total amount of precipitation.	Excessive Rate. Began—	Ended—	Amt. before excessive began.	Accumulated Depths During Excessive Rate for Consecutive Periods of Time Indicated Below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
									None.											

* The duration is the time precipitation was actually recorded.

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Prepared by E.X.A.

Erle L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible], 192

Number of Station barometer, 657; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. − Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
2	10.002	9.002	71.5	28.528	.119	28.409	29.32	37.0	37.0	37	0	100	39.2	NE	24	28	NE	.12	10	nb	NE	Hy Rain	.14 fall in pressure	CJ	2
								Extremes of pressure																	
10	10 00 A	9 00 A				29.580	30.53	53.0																Highest	10
2	3 15 P	2 15 P				28.300	29.22	40.0																Lowest	2

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAY 1921, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	29	3							28	3	68	6	47	5	88	7			260	24
2	43	3	216	12									17	1	164	8			440	24
3											9	2	343	22					352	24
4											173	18	66	6					239	24
5									10	2	116	14	103	8					229	24
6	25	5	8	2	10	3			23	7			10	2	28	5			104	24
7	7	2	6	3							27	4	150	12	32	3			222	24
8	42	8	2	1			40	10	4	1	9	2			8	2			105	24
9	103	15	44	8	6	1													153	24
10					99	13	69	11											168	24
11					4	1	23	3	30	3	285	17							342	24
12	23	5	5	2							27	4	10	4	40	9			105	24
13			66	8	113	13							6	3					185	24
14					31	6	8	1	56	4	112	9	40	4					247	24
15											223	20	60	4					283	24
16	18	6	2	1									122	6	135	11			277	24
17			3	1	7	2	26	4	65	8	53	9							154	24
18	25	3	11	4	8	2					54	12			21	3			119	24
19	119	12	76	9	26	3													221	24
20	19	3	208	21															227	24
21	142	19													25	5			167	24
22			14	4	3	1			66	10	21	3			14	6			118	24
23									58	6	228	17	7	1					293	24
24	58	10									47	6	6	1	56	7			167	24
25	12	2	47	7	94	12	16	3											169	24
26			8	1	49	9	60	10	29	4									146	24
27					11	3	31	7	90	12	29	2							161	24
28									63	10	103	14							166	24
29									17	4	77	15	34	5					128	24
30	6	1									46	9	74	11	14	3			140	24
31	18	7									15	3	62	12	5	2			100	24
SUM,	689	104	716	84	461	69	273	49	539	74	1722	186	1157	107	630	71	0	0	6187	744
PERCENTAGE,	11	14	12	11	7	9	4	7	9	10	28	25	19	14	10	10	0	0	a	a
AVG. HOURLY VELOCITY,	6.6	a	8.5	a	6.7	a	5.6	a	7.3	a	9.3	a	10.8	a	8.9	a	0	a	8.3	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	84.0	29.272	.155	29.117	30.03	61.8	56.8	54	74	.417	76.8	58.0	NE	6			0	Few	ci	N	Clear		C.L.H.	1
2	76.0	29.267	.134	29.133	30.06	46.3	42.2	37	72	.219	60.5	42.4	NE	16			0	3 5	2 cu 2 st	NW NW	Cloudy		C.L.H.	2
3	72.0	29.350	.124	29.226	30.16	45.8	40.8	35	65	.203	55.2	38.3	NE	11			0	4	ci st	N	Pt Cloudy		C.L.H.	3
4	72.0	29.350	.124	29.226	30.15	54.2	47.0	40	58	.247	61.6	45.4	SW	4			0	2	ci	NW	Clear		C.L.H.	4
5	72.0	29.134	.124	29.010	29.93	59.2	54.8	51	76	.373	64.0	54.0	SW	4			T	3	ci	W	Clear		C.L.H.	5
6	72.0	29.236	.124	29.112	30.03	55.2	48.3	42	60	.266	64.9	47.8	S	5			0	6	ci	E	Pt Cloudy		C.L.H.	6
7	75.0	29.208	.132	29.076	29.99	64.8	60.3	58	78	.482	73.7	61.2	SW	2			0	10	2 st	W	Cloudy		C.L.H.	7
8	72.0	29.300	.124	29.176	30.11	49.8	47.3	45	84	.298	55.1	46.0	NE	11			0	6 4	ci 2 st	W W	Cloudy		C.L.H.	8
9	72.0	29.380	.125	29.255	30.18	52.8	49.3	46	78	.310	62.7	46.7	N	4			0	2	2 st	E	Clear		C.L.H.	9
10	73.0	29.241	.126	29.115	30.04	54.0	49.5	46	73	.310	68.0	49.2	NE	6			0	6	ci	W	Pt. Cloudy		C.L.H.	10
11	75.0	29.086	.131	28.955	29.86	65.8	59.3	55	68	.432	75.9	60.8	S	7			0	5 2	2 cu cu	NW NW	Pt Cloudy		C.L.H.	11
12	75.0	28.990	.131	28.859	29.77	62.9	62.4	62	97	.555	68.2	62.7	S	4			.72	6 4	st st cu	N N	Cloudy		P.A.L.	12
13	75.5	29.142	.133	29.009	29.92	64.4	63.9	63	97	.575	72.0	62.5	SW	6			.01	5 5	st cu st	W W	Lt. Rain		P.A.L.	13
14	73.0	29.146	.126	29.020	29.94	60.8	58.8	58	89	.482	72.1	60.6	SW	12			.24	3 4	2 cu st cu	SW SW	Pt. Cloudy		P.A.L.	14
15	74.0	29.250	.129	29.121	30.04	62.8	59.3	57	82	.465	66.3	58.6	SW	2			0	0	0	0	Clear		P.A.L.	15
16	76.0	29.241	.131	29.107	30.02	69.6	67.1	66	88	.638	77.4	66.1	S	6			0	9 1	st st cu	SW SW	Cloudy		C.L.H.	16
17	77.0	29.364	.137	29.227	30.15	69.6	66.1	65	83	.616	74.9	65.6	SW	2			0	2 2	ci cu ci	W W	Pt Cloudy		P.A.L.	17
18	80.0	29.352	.145	29.207	30.11	74.3	66.8	63	68	.575	80.9	68.8	S	6			0	2 3	ci st	SW SW	Pt Cloudy		P.A.L.	18
19	82.0	29.228	.150	29.078	29.98	74.2	70.7	69	84	.707	82.0	70.6	NW	3			0	4 3	2 cu st cu	NW NW	Pt Cloudy		P.A.L.	19
20	83.5	29.172	.154	29.018	29.92	71.4	65.9	63	75	.575	80.0	64.6	NE	3			0	2 3	2 cu ci st	W W	Pt Cloudy		P.A.L.	20
21	81.0	29.196	.147	29.049	29.96	64.5	57.5	52	66	.387	80.9	57.9	NW	4			0	4	ci	NW	Pt Cloudy		P.A.L.	21
22	81.5	29.216	.149	29.067	29.98	67.6	59.6	55	63	.432	77.2	60.8	SE	4			0	4	ci cu	W W	Pt Cloudy		P.A.L.	22
23	81.0	29.178	.147	29.031	29.93	71.3	62.9	58	63	.482	80.7	65.8	SW	2			0	2 8	2 st st cu	SW SW	Cloudy		C.L.H.	23
24	81.5	29.208	.149	29.059	29.97	66.4	64.9	64	92	.595	77.3	63.4	NE	2			0	3 3	ci st	W W	Pt Cloudy		P.A.L.	24
25	81.0	29.180	.147	29.033	29.95	59.9	56.9	55	84	.432	68.2	57.5	N	8			T	7 2	2 cu st cu	W W	Cloudy		P.A.L.	25
26	78.0	29.166	.139	29.027	29.95	63.1	56.1	51	65	.373	69.9	56.1	SW	8			0	4 2	2 cu cu	W W	Pt. Cloudy		P.A.L.	26
27	77.5	29.162	.138	29.024	29.93	66.2	57.1	51	58	.373	71.2	60.8	S	8			0	7	2 cu	SW	Pt. Cloudy		P.A.L.	27
28	75.0	28.842	.130	28.712	29.61	63.6	60.1	58	82	.482	76.2	58.9	SW	8			.11	2	ci cu	W	Clear		P.A.L.	28
29	76.0	29.274	.134	29.140	30.06	60.9	55.4	52	71	.387	66.9	53.9	NW	2			0	0	0	0	Clear		P.A.L.	29
30	76.0	29.104	.133	28.971	29.88	68.9	63.9	61	77	.536	75.1	64.9	S	8			.01	10	st cu	NW	Cloudy		C.L.H.	30
31																								31
Sums	(a)	(a)	(a)	872.160	899.61	1872.2	1731.0	1632	2,270	13224	(a)	(a)	(a)	174	(a)	(a)	1.09	175	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)	(a)	29.072	29.987	62.4	57.7	54.4	75.7	.441	(a)	(a)	(c) SW	5.8	(a)	(a)	(a)	5.8	U ci L St cu	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity.	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	80.0	29.240	.145	29.095	30.02	60.5	55.0	51	71	.373	69.5	61.8	NE	8			0	4 5	2cu 2st	NE NE	Cloudy			CL.H.	1
2	74.0	29.235	.129	29.106	30.04	55.2	46.1	36	49	.211	57.0	46.3	NE	9			0	2 4	ci st 2cu	NW NW	Pt Cloudy				2
3	72.5	29.339	.125	29.214	30.14	61.6	52.4	45	54	.298	62.9	45.8	NE	3			0	Few	ci	NW	Clear				3
4	72.5	29.209	.125	29.084	30.00	64.0	54.8	48	55	.334	69.2	54.2	SW	6			0	10	2st	W	Cloudy				4
5	73.0	29.202	.126	29.076	30.00	64.9	54.2	46	49	.310	70.9	59.2	NW	8			0	1	ci st	NW	Clear				5
6	74.0	29.168	.129	29.039	29.96	73.7	61.2	53	49	.402	78.0	55.3	SW	8			0	3 3	ci ci st	SW SW	Pt. Cloudy				6
7	73.5	29.233	.128	29.105	30.02	55.1	52.9	52	87	.387	64.8	55.1	NE	8			.51	10	stcu	NE	Cloudy				7
8	73.0	29.306	.126	29.180	30.11	62.7	53.1	45	53	.298	67.8	49.8	E	5			0	4	ci st	W	Pt Cloudy				8
9	72.0	29.270	.124	29.146	30.07	68.0	55.0	44	43	.287	71.2	52.8	NE	4			0	Few	ci	W	Clear			CL.H.	9
10	75.0	29.079	.131	28.948	29.86	75.9	60.1	49	39	.347	79.8	54.0	SW	4			0	4	ci	SW	Pt Cloudy				10
11	76.5	29.082	.134	28.948	29.86	64.6	63.0	62	92	.555	82.6	62.8	NW	7			.17	10	st	NW	Lt. Rain				11
12	76.5	29.087	.134	28.953	29.86	72.0	65.1	61	69	.536	76.9	62.9	NW	6			0	4 Few	ci cu	W W	Cloudy				12
13	76.5	29.107	.134	28.973	29.88	72.1	66.8	64	76	.595	76.9	64.4	SW	5			.10	10	stcu	SW	Cloudy				13
14	74.5	29.231	.130	29.101	30.02	66.3	60.0	56	69	.448	67.8	60.8	SW	6			T	1 3	ci cu ci st	W W	Pt Cloudy				14
15	77.5	29.178	.138	29.040	29.95	77.4	64.9	57	51	.465	79.9	62.8	SW	2			0	2	ci	W	Clear			A.A.L.	15
16	78.0	29.271	.140	29.131	30.04	74.9	69.8	68	78	.684	77.2	63.6	S	8			.32	1 2	ci ci st 2cu	W W	Pt Cloudy				16
17	81.5	29.326	.149	29.177	30.09	80.9	70.9	66	61	.638	85.9	69.6	S	5			0	1 3	ci ci st	SW SW	Pt Cloudy				17
18	83.5	29.232	.154	29.078	29.98	82.0	75.2	72	73	.783	88.8	74.3	S	6			T	4	ci	W	Pt. Cloudy				18
19	85.0	29.199	.158	29.041	29.94	80.0	71.1	67	64	.661	86.2	74.2	N	5			0	7	ci st	NW	Pt Cloudy				19
20	85.0	29.077	.157	28.920	29.82	80.9	69.2	64	55	.595	87.4	71.4	W	6			T	2 Few	ci cu	W W	Clear				20
21	82.0	29.183	.150	29.033	29.94	77.2	61.2	50	39	.360	80.0	64.5	NW	4			0	2	ci st	W	Clear				21
22	84.0	29.125	.155	28.970	29.87	80.7	64.1	54	40	.417	84.0	67.6	S	2			0	4 2	ci st 2st	W W	Pt Cloudy				22
23	84.0	29.201	.155	29.046	29.96	71.3	69.8	66	69	.638	85.0	69.9	N	6			T	6 3	ci st cu	NW NW	Cloudy				23
24	81.0	29.161	.147	29.014	29.92	68.2	66.9	~~68~~ 67	94	~~.684~~ .661	84.9	66.4	N	6			.10	10	st	N	Lt. Rain				24
25	80.0	29.192	.145	29.047	29.97	69.9	56.2	45	41	.298	73.7	59.9	NW	5			0	1	ci	NW	Clear				25
26	79.0	29.173	.142	29.031	29.95	71.2	57.2	46	41	.310	76.1	63.1	N	4			0	5 2	ci 2st	NW NW	Pt Cloudy				26
27	79.0	28.923	.141	28.782	29.68	76.2	65.8	60	58	.517	79.9	66.2	S	7			T	9	stcu	W	Cloudy				27
28	72.5	29.084	.137	28.947	29.86	66.9	58.1	52	59	.387	74.9	63.6	NW	11			0	Few	cu	NW	Clear				28
29	77.5	29.245	.138	29.107	30.02	75.1	63.7	57	53	.465	79.2	60.9	W	9			0	0	0	0	Clear				29
30	77.0	29.057	.136	28.921	29.83	73.1	68.0	66	78	.638	85.2	68.9	W	5			.01	6 4	st stcu	NW NW	Cloudy				30
31																									31
Sums		(a)	(a)	872.253	898.66	2122.5	1858	1669	1809	13.98	(a)	(a)	(a)	178	(a)	(a)	1.21	159	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.075	29.955	70.8	61.7	55.7	60.3	.463	(a)	(a)	(c) SW/NW	5.9	(a)	(a)	(a)	5.3	U Cist L Cu	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1929, 192

Date.	Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal. In.	Departure. In.	Total excess or deficiency since 1st of month. In.	Hail and sleet unmelted. Zp. m. to Zp. m. *‡‡ In.	Snow unmelted. Zp.m. to Zp. m. *‡‡ In.	Hail, sleet, and snow on ground at Zp. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Saturday 1	70	50	20	15	60																0	.10	-.10	-.10	0	0	0	0	1
2	57	42	15	10	50																0	.11	-.11	-.21	0	0	0	0	2
3	63	38	25	0	50																0	.11	-.11	-.32	0	0	0	0	3
4	69	45	24	7	57				R	DNp	DNp										T	.12	-.12	-.44	0	0	0	0	4
5	71	52	19	5	62																0	.13	-.13	-.57	0	0	0	0	5
6	78	48	30	1	63																0	.13	-.13	-.70	0	0	0	0	6
7	65	52	13	5	58				R	8:44a	4:40p										.51	.13	+.38	-.32	0	0	0	0	7
8	68	46	22	1	57																0	.13	-.13	-.45	0	0	0	0	8
9	71	47	24	2	59																0	.14	-.14	-.56	0	0	0	0	9
10	80	49	31	5	64																0	.11	-.11	-.67	0	0	0	0	10
11	83	61	22	8	72				R	12:04p	12:09p	R	4:30p	8:15p							.34	.11	+.23	-.44	0	0	0	0	11
12	77	63	14	2	70				R	DNa	DNa										.55	.11	+.44	0	0	0	0	0	12
13	77	62	15	0	70				R	6:15a	7:05a	R	3:11p	3:38p	R	9:10p	9:30p				.11	.11	.0	0	0	0	0	0	13
14	68	61	7	6	64				R	DNa	DNa	R	10:50a	10:55a							.24	.12	+.12	+.12	0	0	0	0	14
15	80	59	21	6	70																0	.13	-.13	-.01	0	0	0	0	15
16	77	64	13	0	70				R	8:10a	10:45a	R	12:21p	12:30p							.32	.13	+.19	+.18	0	0	0	0	16
17	86	66	20	6	76																0	.12	-.12	+.06	0	0	0	0	17
18	89	69	20	3	79				R	1:34p	2:05p	R	2:25p	2:45p							T	.11	-.11	-.05	0	0	0	0	18
19	86	70	16	1	78																0	.11	-.11	-.16	0	0	0	0	19
20	87	65	22	2	76				R	4:51p	5:02p										T	.11	-.11	-.27	0	0	0	0	20
21	80	58	22	7	69																0	.11	-.11	-.38	0	0	0	0	21
22	84	61	23	3	72																0	.12	-.12	-.50	0	0	0	0	22
23	85	66	19	4	76				R	8:00a	8:15a										T	.12	-.12	-.62	0	0	0	0	23
24	85	63	22	2	74				R	3:04p	3:10p	R	3:31p	7:30p							.10	.13	-.03	-.65	0	0	0	0	24
25	74	58	16	8	66																0	.13	-.13	-.78	0	0	0	0	25
26	76	56	20	0	66																0	.14	-.14	-.92	0	0	0	0	26
27	80	59	21	4	70				R	DNp	DNp	R	10:32p	Cont							.07	.13	-.06	-.98	0	0	0	0	27
28	75	58	17	4	66				R	Cont.	DNa										.04	.12	-.08	-.106	0	0	0	0	28
29	79	54	25	0	66																0	.12	-.12	-.118	0	0	0	0	29
30	85	65	20	9	75				R	DNa	DNa	R	8:25a	8:45a	R	2:12p	2:30p				.02	.11	-.09	-.127	0	0	0	0	30
31																									0	0	0	0	31
S	2305	1707	598	126	2005		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.30	3.57	Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	76.8	56.9	19.9	4.2	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+1.62		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF JUN 1929, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.072	29.075 (42)	29.074 (57)	29.255	9	28.690	28	.565	29.957	29.955	29.971	30.18	9	29.58	28	0.60
Corrected mean		29.070 (53)						Corrected mean		29.967					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
62.4	70.8	66.6	57.7	61.7	59.7	76.8	56.9	66.8	89	18	38	3	51	31	10	7	14

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
54.4	55.7 (6)	55.0	75.7	60.3	68.0	.441	464 (3)	.452	0	0	0	0

Clouds.
Most frequent clouds: Cirrus
Most frequent direction upper clouds: West
Most frequent direction lower clouds: Northwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5150	7.2	SW	31	NW	11	6	12	1	1	12	16	3	9	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.8	5.3	6.1	78	4	16	10	0	2	8

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	7, 11, 12, 14, 16, 18, 24, 28.	0	2, 17, 21	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.30	0.89	1/12	0			0			4	10	9	4	0	14	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.14, date 14th; 10 minutes 0.18, date 14th; 15 minutes 0.19, date 14th.
30 minutes 0.24, date 16th; 1 hour 0.27, date 16; 2 hours 0.36, date 12th.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. Hardy

Erle L. Hardy Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1899, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	1:40pm	12:40pm	76.0	28.918	-.133	28.785	29.68	77.2	65.7	59	18.2	54	78.0	S	8			T	2/8	Ci	NW NW	Cloudy	.20 falling barometer	PAL	11
28	9 am OD	8 am OD				28.69	29.58	69.0															Lowest		28

Extreme of pressure

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1899, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	51	8	156	15									5	1					212	24
2			303	24															303	24
3	79	11	113	13															192	24
4	13	5									129	17	12	2					154	24
5	12	3									46	8	33	3	92	10			183	24
6	2	2							11	2	132	16	12	1	6	3			163	24
7			96	13	13	2			2	1	30	8							141	24
8			175	21	17	3													192	24
9	15	3	106	16	24	5													145	24
10			21	6	13	3	5	1	55	9	26	5							120	24
11	14	2					23	2	76	7	93	10	13	1	37	2			256	24
12									25	5	51	7	41	8	14	4			131	24
13	4	1	5	1	13	4			43	5	119	13							184	24
14									10	2	160	19	28	3					198	24
15							11	2			80	19	5	3					96	24
16							8	2	134	18	16	3			11	1			169	24
17							27	4	69	11	51	9							147	24
18									104	16	61	8							165	24
19	20	6							8	1	41	6	58	8	20	3			147	24
20	12	5	8	2	4	1	5	1	5	1	55	7	15	2	42	5			146	24
21	8	2											43	8	70	14			121	24
22	7	5					32	5	60	10			2	2			0	2	101	24
23	49	8	5	1					17	3	18	6	19	5			0	1	108	24
24	39	7	23	6	10	3					4	1	4	1	40	6			120	24
25													8	3	191	21			199	24
26	5	2	3	1	6	2			21	3	47	6	88	7	30	3			200	24
27					12	5	24	3	154	14	17	1	12	1					219	24
28											65	7	177	14	44	3			286	24
29									47	5	68	9	22	5	13	5			150	24
30							5	1	7	1	124	13	66	9					202	24
31																				
SUM,	330	70	1014	119	112	28	140	21	848	114	1433	198	663	87	610	80	0	3	5150	720
PERCENTAGE,	6	10	20	17	2	4	3	3	16	16	28	27	13	12	12	11	0	0	a	a
AVG. HOURLY VELOCITY,	4.7	a	8.5	a	4.0	a	6.7	a	7.4	a	7.2	a	7.6	a	7.6	a	0	a	7.2	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	77.0	29.062	.136	28.926	29.84	66.9	65.9	65	95	.616	73.1	64.8	SW	4			.06	10	st	W	Cloudy		P.A.L.	1
2	77.0	29.252	.137	29.115	30.04	57.6	53.6	51	77	.373	76.8	56.2	NW	8			0	1	ci	NE	Clear		P.A.L.	2
3	77.0	29.300	.137	29.163	30.08	62.6	54.6	49	60	.347	68.0	58.0	SW	8			0	2	2 st	NW	Clear		E.L.H.	3
4	76.0	29.100	.133	28.967	29.88	67.0	59.5	55	65	.432	74.1	62.1	SW	11			0	3	2 cu	W	Clear		E.L.H.	4
5	78.0	29.172	.139	29.033	29.94	67.2	66.2	65	95	.616	76.8	65.0	SW	7			2.26	2 4	2 cu cu, ci	W W	Pt Cloudy		E.L.H.	5
6	80.0	29.174	.145	29.029	29.93	70.2	68.0	67	89	.661	80.0	66.9	SE	10			0.46	1/2 2	3 cu su	W NW	Pt. Cloudy		E.L.H.	6
7	80.0	29.116	.144	28.972	29.87	74.0	70.8	70	85	.732	74.0	70.8	SW	11			0.26	9	st cu	SW	Cloudy		E.L.H.	7
8	80.0	29.320	.145	29.175	30.08	72.0	66.5	64	75	.595	75.5	64.8	SW	1			0	6	2 st	NW	Pt Cloudy		E.L.H.	8
9	82.0	29.252	.150	29.102	30.01	71.8	69.2	68	88	.684	76.8	67.8	SW	8			T	4 4	2 st st	W SW	Cloudy		E.L.H.	9
10	81.0	29.440	.149	29.291	30.21	67.7	60.5	56	66	.448	76.3	63.0	NW	9			0	Few	2 st	NW	Clear		E.L.H.	10
11	79.0	29.500	.143	29.357	30.28	64.8	62.0	60	86	.517	74.9	60.8	E	4			0	4 6	2 cu st cu	W W	Cloudy		E.L.H.	11
12	80.0	29.472	.146	29.326	30.25	69.8	68.0	67	91	.661	69.8	67.2	S	4			.09	10	st cu	W	Cloudy		E.L.H.	12
13	81.0	29.350	.148	29.202	30.10	75.0	72.5	71	89	.757	81.4	70.8	SW	8			0	8	2 st	W	Cloudy		E.L.H.	13
14	81.5	29.416	.150	29.266	30.19	69.9	62.8	59	68	.499	76.8	67.1	N	8			0	7	ci st	NW	Pt. Cloudy		[illegible]	14
15	81.0	29.480	.149	29.331	30.26	59.6	55.5	52	78	.387	74.1	58.1	NE	4			0	6 3	2 cu st cu	W W	Cloudy		E.L.H.	15
16	80.0	29.390	.146	29.244	30.16	62.8	57.8	55	74	.432	73.8	56.0	NE	4			0	1	ci	NE	Clear		E.L.H.	16
17	81.0	29.280	.148	29.132	30.04	69.9	62.4	58	66	.482	79.2	64.0	SE	1			0	1	ci	NW	Clear		E.L.H.	17
18	80.0	29.090	.144	28.946	29.85	70.5	65.2	62	76	.555	82.1	66.8	SW	6			0	6	cu	NW	Pt. Cloudy		E.L.H.	18
19	81.0	29.376	.148	29.228	30.15	58.0	50.2	43	58	.277	76.1	54.8	NE	10			0	Few	cu	W	Clear		E.L.H.	19
20	76.0	29.524	.135	29.389	30.32	56.2	50.5	46	68	.310	66.1	49.9	NE	4			0	0	0	0	Clear		E.L.H.	20
21	74.0	29.500	.130	29.370	30.30	59.5	55.0	52	76	.387	70.5	54.8	NE	6			0	2 1	ci st a cu	N N	Clear		E.L.H.	21
22	76.5	29.382	.136	29.246	30.18	63.9	58.9	56	75	.448	78.8	57.5	E	2			0	0	0	0	Clear		P.A.L.	22
23	77.5	29.336	.138	29.198	30.11	70.4	64.4	61	72	.536	83.2	65.8	SW	7			0	2	a cu	S	Clear		P.A.L.	23
24	86.5	29.378	.162	29.216	30.12	74.0	67.5	64	72	.595	86.2	72.1	SW	7			0	4 3	ci st a cu	W W	Pt Cloudy		E.L.H.	24
25	80.0	29.274	.145	29.129	30.04	73.8	67.8	65	74	.616	74.1	71.0	SW	10			0	5 2	ci st st cu	W W	Pt Cloudy		E.L.H.	25
26	79.5	29.262	.144	29.118	30.03	74.2	71.2	70	86	.732	84.0	71.4	SW	7			.12	3	ci st	W	Clear		P.A.L.	26
27	82.5	29.186	.151	29.035	29.93	75.6	71.1	70	80	.732	85.1	71.4	SW	4			T	0	0	0	Clear		P.A.L.	27
28	86.5	29.184	.162	29.022	29.91	78.2	73.0	71	78	.757	87.8	74.0	SW	8			0	2	ci	W	Clear		E.L.H.	28
29	84.0	29.234	.155	29.079	29.99	69.9	61.8	57	64	.465	80.0	66.0	NW	3			0	Few	ci	SW	Clear		E.L.H.	29
30	85.5	29.258	.160	29.098	30.00	72.8	62.3	56	56	.448	82.2	64.2	W	4			0	1	2 cu	W	Clear		E.L.H.	30
31	86.5	29.150	.162	28.988	29.89	75.2	65.2	60	59	.517	86.2	67.2	SW	2			0	Few	2 cu	W	Clear		E.L.H.	31
Sums		(a)	(a)	903.693	931.98	2121	1959	1865	2341	16.614	(a)	(a)	(a)	190	(a)	(a)	3.25	128	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.15	30.064	68.4	63.2	60.2	75.5	.536	(a)	(a)	(c) SW	6.1	(a)	(a)	(a)	4.1	U a cu L st cu	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	80.0	29.083	.144	28.939	29.85	76.8	65.8	60	56	.517	80.1	66.9	NW	8			T	3 Few	ci cu	NW NW	Clear	B2N2 E6:302			1
2	78.0	29.272	.140	29.132	30.05	68.0	55.0	44	43	.287	70.8	57.6	NW	5			0	6	sten	NW	Part Cloudy				2
3	77.0	29.161	.137	29.024	29.93	74.1	63.0	56	54	.448	76.0	62.6	SW	10			0	4 2	a cu 2 st	NW NW	Pt. Cloudy				3
4	78.0	29.000	.138	28.862	29.77	76.8	72.3	71	81	.757	84.0	67.0	W	6			0.56	9 6	cu st	W W	Cloudy			E.L.H.	4
5	79.5	29.194	.143	29.051	29.96	80.0	68.2	62	55	.555	85.8	67.2	S	4			0	3	st cu	N	Cloudy				5
6	80.0	29.146	.145	29.001	29.91	73.2	69.7	68	84	.684	83.8	70.2	SW	12			0.05	10	st cu	SW	Cloudy			E.L.H.	6
7	81.5	29.206	.149	29.057	29.97	75.5	67.5	64	66	.595	83.0	74.0	NW	9			0	3 3	ci cu cu	SW NW	Pt Cloudy			E.L.H.	7
8	82.0	29.212	.150	29.060	29.97	76.8	70.8	68	75	.684	86.4	72.0	S	8			0	2 3	ci st	W W	Cloudy				8
9	81.0	29.292	.148	29.144	30.05	76.3	71.2	69	78	.707	81.2	71.8	W	3			.19	4 5	ci st st cu	W W	Cloudy				9
10	81.5	29.439	.150	29.289	30.21	74.9	61.8	54	48	.417	79.6	67.8	NE	5			0	8	ci st	NW	Cloudy				10
11	80.0	29.428	.146	29.282	30.21	69.8	68.0	67	91	.661	81.8	64.8	S	5			.33	10	st	SW	Lt. Rain				11
12	83.0	29.386	.153	29.233	30.14	81.4	74.4	71	72	.757	84.9	69.8	S	6			.02	1 3	ci cu	W W	Pt Cloudy				12
13	82.0	29.300	.150	29.150	30.06	76.8	69.3	66	69	.638	85.2	74.6	W	4			.09	4 2	sten cu	NW NW	Pt Cloudy				13
14	82.0	29.444	.151	29.293	30.21	74.1	64.0	58	58	.482	78.2	69.9	NE	5			0	9 1	cust a cu	NW NW	Cloudy				14
15	81.0	29.399	.148	29.251	30.18	73.8	60.6	52	46	.387	78.3	59.6	NE	6			0	0	0	0	Clear				15
16	81.0	29.284	.148	29.136	30.05	79.2	68.1	62	57	.555	82.4	62.8	NE	3			0	0	ci	0	Clear				16
17	84.0	29.125	.155	28.970	29.87	82.1	67.0	59	46	.499	88.4	69.9	S	4			0	1 1	ci st ci cu	NW NW	Pt Cloudy				17
18	83.0	29.138	.152	28.986	29.89	76.1	65.0	59	55	.499	84.9	70.5	NE	11			T	2	cu	NW	Clear				18
19	77.5	29.396	.139	29.257	30.19	66.1	52.2	39	38	.237	70.1	58.0	NE	6			0	0	0	0	Clear				19
20	77.0	29.468	.138	29.330	30.26	70.5	56.5	46	40	.310	72.4	56.2	E	4			0	4	ci	N	Pt Cloudy			E.L.H.	20
21	78.0	29.410	.141	29.269	30.19	78.8	62.0	51	38	.373	81.8	59.5	E	3			0	Few	a.cu	N	Clear			E.L.H.	21
22	82.0	29.300	.150	29.150	30.06	83.2	65.2	54	38	.417	88.1	63.9	SE	5			0	3	ci	N	Clear			E.L.H.	22
23	86.0	29.310	.161	29.149	30.05	86.2	71.7	65	50	.616	92.8	70.4	SW	4			0	4 6	ci a st.	W W	Pt Cldy			E.L.H.	23
24	86.0	29.310	.161	29.149	30.05	72.0	70.0	69	91	.707	90.8	67.8	S	4			.31	4 6	a st a cu	SW SW	Cloudy			E.L.H.	24
25	84.5	29.270	.157	29.113	30.01	84.0	74.0	70	63	.732	86.8	73.8	W	6			T	2 4	a cu cu	W W	Pt Cloudy			E.L.H.	25
26	87.0	29.174	.162	29.012	29.91	85.1	72.1	66	54	.638	91.6	74.2	W	8			0	1 2	sten cu	W W	Pt Cldy			P.O.R.	26
27	90.0	29.145	.171	28.974	29.86	87.8	75.3	70	56	.732	93.5	75.6	SW	9			0	2 1	ci cu	W W	Clear			E.L.H.	27
28	88.0	29.150	.165	28.985	29.88	80.0	72.0	69	68	.707	94.4	74.2	NW	8			.15	6 3	a cu cu	W W	Cloudy			E.L.H.	28
29	87.0	29.206	.163	29.043	29.94	82.2	66.1	57	43	.465	87.6	69.9	N	4			0	2 Few Few	ci a cu cu	W W NW	Clear				29
30	89.0	29.164	.168	28.996	29.89	86.2	66.0	54	34	.417	92.8	72.8	W	4			0	2	st cu	NW	Clear				30
31	90.0	29.058	.170	28.888	29.78	86.9	70.7	62	45	.555	93.6	75.2	SW	4			0	4	cu	SW	Pt Cloudy				31
Sums		(a)	(a)	903.175	930.35	2414.7	2075.5	1882	1792	17.035	(a)	(a)	(a)	183	(a)	(a)	1.70	169	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.102	30.011	77.9	67.0	60.7	57.8	.550	(a)	(a)	(c) S NE/W	5.9	(a)	(a)	(a)	5.5	U ci L cu	U W L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1929, 192

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Monday 1	80	65	15	3	72				R	DNa	DNa	R	6:05a	6:30a	R	8:00a	8:15a	R	1:50p	2:00p	.06	.10	-.04	-.04	0	0	0	0	1
2	71	56	15	9	63																0	.10	-.10	-.14	0	0	0	0	2
3	76	58	18	4	67																0	.11	-.11	-.25	0	0	0	0	3
4	84	62	22	6	73				R R	11:05p 10:30a	cont 10:35a	R	3:50p	5:10p	R	6:10p	6:30p	R	7:05p	8:30p	2.46	.12	+2.34	+2.09	0	0	0	0	4
5	86	65	21	3	76				R	Cont	DNa										.36	.12	+.24	+2.33	0	0	0	0	5
6	84	67	17	0	76				R	DNa	DNa	R	3:13p	3:35p	R	6:10p	6:20p	R	8:50p	9:05p	.51	.12	+.39	+2.72	0	0	0	0	6
7	83	70	13	0	76				R	12:25a	DNa	R	3:40a	5:50a							.26	.13	+.13	+2.85	0	0	0	0	7
8	86	65	21	0	76				R	~~DNp~~	~~DNp~~										T	.13	-.13	+2.72	0	0	0	0	8
9	81	68	13	2	74				R	~~DNa~~	~~DNa~~	R	2:20p	2:30p							.19	.12	+.07	+2.79	0	0	0	0	9
10	80	63	17	2	72																0	.12	-.12	+2.67	0	0	0	0	10
11	82	61	21	0	72				R	3:30p	~~3:45p~~	R	4:03p	DNp							.42	.13	+.29	+2.96	0	0	0	0	11
12	85	67	18	4	76				R	1:20p	1:30p										.02	.14	-.12	+2.84	0	0	0	0	12
13	85	71	14	2	78				R	9:40a	9:55a	R	11:58a	12:02p							.09	.15	-.06	+2.78	0	0	0	0	13
14	78	64	14	7	71																0	.14	-.14	+2.64	0	0	0	0	14
15	78	58	20	3	68																0	.14	-.14	+2.50	0	0	0	0	15
16	82	56	26	1	69																0	.12	-.12	+2.38	0	0	0	0	16
17	88	64	24	7	76																0	.10	-.10	+2.28	0	0	0	0	17
18	85	65	20	1	75				R	9:48a	9:52a										T	.10	-.10	+2.18	0	0	0	0	18
19	70	54	16	13	62																0	.10	-.10	+2.08	0	0	0	0	19
20	72	50	22	1	61																0	.10	-.10	+1.98	0	0	0	0	20
21	82	55	27	7	68																0	.10	-.10	+1.88	0	0	0	0	21
22	88	58	30	5	73																0	.10	-.10	+1.78	0	0	0	0	22
23	93	66	27	7	80																0	.10	-.10	+1.68	0	0	0	0	23
24	91	68	23	0	80				R	8:45A	8:55A	R	9:26A	9:38A	R	3:32P	5:40P				.31	.10	+.21	+1.89	0	0	0	0	24
25	87	71	16	1	79				R	~~10:04A~~	~~10:08A~~										T	.11	-.11	+1.78	0	0	0	0	25
26	92	71	21	3	82				R	12:07A	DNA										.12	.10	+.02	+1.80	0	0	0	0	26
27	94	71	23	0	82				R	DNA	DNA										T	.10	-.10	+1.70	0	0	0	0	27
28	94	72	22	1	83				R	3:30p	3:55p	R	4:50p	5:10p							.15	.11	+.04	+1.74	0	0	0	0	28
29	88	66	22	6	77																0	.12	-.12	+1.62	0	0	0	0	29
30	93	64	29	1	78																0	.13	-.13	+1.49	0	0	0	0	30
31	94	67	27	2	80																0	.14	-.14	+1.35	0	0	0	0	31
S	2612	1978	634	101	2295		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.95	3.60	Total excess or deficiency since Jan. 1,	0	0	(a)	(a)	(a)
M	84.3	63.8	20.5	3.3	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+2.97	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF JUL 1909, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.03)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.151	29.102	29.126	29.400	20	28.850	4	0.550	30.064	30.011	30.038	30.33	20	29.74	4	0.59
Corrected mean		29.123						Corrected mean		30.035					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
68.4	77.9	73.2	63.2	67.0	65.1	84.3	63.8	74.0	94	28	50	20	44	30	22	13	7

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
60.2	60.7	60.4	75	57.8	66.6	536	550	543	0	7	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: W

Most frequent direction lower clouds: W

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5129	6.9	SW	30	NW	24	2	11	4	3	7	21	7	7	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.1	5.5	4.6	80	15	8	8	1	3	8

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	24, 26, 28. 4, 5, 6, 7, 12, 13, 23.	0	6, 14	0	1	0	0	0	1	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h.	m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h.	m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.95	2.82	4-5	2.82	4	51	4+5	1.63	0	35	4	4	12	11	6	1	16	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.61, date 4"; 10 minutes 0.91, date 4"; 15 minutes 1.14, date 4"

30 minutes 1.55, date 4"; 1 hour 1.76, date 4-5"; 2 hours 1.97, date 4+5"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
4-5	11:05 of 4th	8 N.A. 5th	2.04	11:20 p	~~12 mid~~ 11:55 p	~~.01~~ .02	.08	.22	.39	.66	1.26	1.46	~~1.62~~ 1.63	~~1.63~~						

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1920, 192

Number of Station barometer, 656; sum of corrections, −.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
									Extremes of pressure																
4	2 00 PM	1 00 PM				28.850	29.74	81.0														La	Lowest		4
20	9 00 am	8 00 am				29.400	30.33	60														Hi	Highest		20

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	5	1									45	8	84	9	46	6			180	24
2	119	14													58	10			177	24
3									10	1	133	16	52	7					195	24
4									30	3	232	19	11	2					273	24
5									67	12	58	11	7	1					132	24
6							38	4	79	9	141	11							258	24
7									23	2	147	11	63	7	18	4			251	24
8					4	1	9	2	74	9	33	6	4	3	2	2	0	1	126	24
9									14	2	155	21	6	1					175	24
10	58	9	15	3	14	4							15	3	32	5			134	24
11			6	1	60	12	34	7	19	4									119	24
12							3	1	86	16	43	7							132	24
13	9	2					13	2	16	3	72	12	31	5					141	24
14	34	8	83	10	18	3							6	1	11	2			172	24
15			84	14	71	10													155	24
16			64	15	31	9													95	24
17					8	2	19	7	23	4	57	10	5	1					112	24
18	58	5	71	7							64	9	9	1	24	2			226	24
19			263	24															263	24
20			69	11	99	13													168	24
21			18	4	69	17	14	3											101	24
22					18	8			52	11	22	4	4	1					96	24
23									4	1	135	20	7	1	4	2			150	24
24	25	3			14	3			28	5	114	13							181	24
25													74	11	101	13			175	24
26											101	14	102	10					203	24
27											187	24							187	24
28									8	1	159	15	12	1	42	7			221	24
29	26	5											8	2	80	17			114	24
30											3	1	90	17	20	6			113	24
31									3	1	92	21	9	2					104	24
SUM,	354	47	673	89	406	82	130	26	536	84	1993	253	599	86	438	76	0	1	5129	744
PERCENTAGE,	7	6	11	12	8	11	3	4	11	11	39	34	12	12	9	10	0	0	a	a
AVG. HOURLY VELOCITY,	7.5	a	7.6	a	5.0	a	5.0	a	6.4	a	7.9	a	7.0	a	5.8	a	0	a	6.9	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of AUG 1929, 192

Number of Station barometer, 6.56; sum of corrections, -.00911 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	88.0	29.218	.165	29.053	29.96	65.8	60.3	57	73	.465	86.9	65.0	NE	7			0	8	cu	W	Cloudy		C.L.H.	1
2	84.0	29.324	.156	29.168	30.09	61.8	56.2	53	71	.402	76.2	58.2	E	4			0	4 6	2 cu st cu	W W	Cloudy		C.L.H.	2
3	77.0	28.963	.136	28.827	29.73	67.2	66.6	66	97	.638	67.2	59.2	SW	10			1.81	10 10	Lt Fog st	W	Cloudy		C.L.H.	3
4	75.0	29.268	.132	29.136	30.06	58.8	54.3	51	75	.373	70.7	53.6	NW	6			0	3	cu	N	Clear		C.L.H.	4
5	75.0	29.270	.132	29.138	30.06	59.0	52.2	46	64	.310	64.9	51.2	SW	4			0	Few	ci st	W	Clear		C.L.H.	5
6	75.0	29.250	.132	29.118	30.04	64.0	61.2	59	86	.499	68.4	63.8	N	3			0	10 10	Lt Fog st cu	W	Cloudy		C.L.H.	6
7	75.0	29.370	.132	29.238	30.16	62.0	58.5	56	81	.448	71.8	59.0	NE	8			0	1	2 st	NW	Clear		C.L.H.	7
8	76.0	29.390	.125	29.265	30.18	63.2	60.0	58	83	.482	75.3	57.8	E	2			0	0	0	0	Clear		C.L.H.	8
9	79.0	29.340	.142	29.198	30.11	71.0	66.5	64	79	.595	80.1	66.8	SW	1			0	3 7	st cu st	W W	Cloudy		C.L.H.	9
10	80.0	29.250	.145	29.105	30.02	70.0	67.0	66	86	.638	78.8	67.8	S	7			.17	1 4	2 cu cu	SW SW	Pt Cloudy		C.L.H.	10
11	80.0	29.120	.144	28.976	29.88	71.8	68.8	68	86	.684	79.2	70.4	W	3			0	2 3	2 cu ci	W NW	Pt Cloudy		C.L.H.	11
12	82.0	29.136	.150	28.986	29.89	68.0	62.0	58	72	.482	80.8	64.6	NE	3			0	Few	ci	NW	Clear		C.L.H.	12
13	82.0	29.068	.149	28.919	29.82	67.8	62.0	58	73	.482	80.1	64.0	SW	10			T	1	ci cu	NW	Clear		C.L.H.	13
14	80.0	28.978	.144	28.834	29.73	61.8	58.0	55	80	.432	70.1	60.1	NW	10			.33	1	cu	NW	Clear		C.L.H.	14
15	74.0	29.236	.129	29.107	30.03	54.8	52.0	50	83	.360	61.8	53.1	W	4			T	10	st cu	W	Cloudy		C.L.H.	15
16	74.5	29.434	.131	29.303	30.23	54.9	50.2	46	73	.310	64.8	49.6	NW	1			0	0	0	0	Clear		C.L.H.	16
17	74.5	29.386	.131	29.255	30.18	61.8	57.3	55	77	.432	71.8	57.8	S	6			0	0	0	0	Clear		C.L.H.	17
18	76.0	29.328	.134	29.194	30.11	65.9	62.0	60	81	.517	77.3	67.2	SW	3			0	6	st cu	NW	Pt. Cloudy		C.L.H.	18
19	77.0	29.434	.138	29.296	30.23	56.8	54.0	52	84	.357	74.9	54.1	NE	10			0	Few	cu	NE	Clear		C.L.H.	19
20	76.0	29.520	.135	29.385	30.32	56.9	53.4	51	80	.373	67.1	49.9	NE	6			0	1	ci st	NW	Clear		C.L.H.	20
21	75.0	29.450	.133	29.317	30.25	61.0	55.0	51	68	.373	70.1	55.8	E	2			0	7	2 cu	NW	Pt Cloudy		C.L.H.	21
22	78.0	29.208	.139	29.069	29.98	71.8	64.3	60	67	.517	77.1	68.4	SW	9			T	3	2 cu	W	Clear		C.L.H.	22
23	80.0	29.224	.145	29.079	29.99	71.8	69.3	68	89	.654	82.9	71.8	SW	7			T	10	st cu	W	Cloudy		C.L.H.	23
24	80.5	29.291	.146	29.145	30.05	64.0	59.5	57	77	.465	77.6	61.7	NE	4			0	2	2 cu	W	Clear		C.L.H.	24
25	80.0	29.379	.145	29.234	30.15	63.8	58.8	56	75	.448	75.8	60.2	E	2			0	0	0	0	Clear		C.L.H.	25
26	81.0	29.368	.148	29.220	30.13	67.0	61.5	58	73	.482	79.4	63.9	SW	4			0	0	0	0	Clear		C.L.H.	26
27	82.0	29.340	.150	29.190	30.11	56.8	52.8	50	77	.360	80.6	56.8	N	9			T	7	ci cu	NW	Pt. Cloudy		C.L.H.	27
28	79.0	29.350	.142	29.208	30.13	58.0	55.5	54	86	.417	71.2	53.8	E	4			0	4 3	cu 2 cu	N N	Pt Cloudy		C.L.H.	28
29	77.0	29.341	.137	29.204	30.12	57.8	55.2	53	85	.402	66.8	55.7	N	3			0	7	st cu	W	Cloudy		C.L.H.	29
30	75.0	29.460	.133	29.327	30.26	59.8	55.3	52	76	.387	68.8	53.8	SE	3			0	Few	2 cu	N	Clear		C.L.H.	30
31	75.5	29.450	.134	29.316	30.24	64.0	58.2	54	71	.417	72.8	61.9	SW	6			0	8	2 cu	NW	Cloudy		C.L.H.	31
Sums		(a)	(a)	903.810	932.24	1959.1	1827.9	1742	2428	14.261	(a)	(a)	(a)	161	(a)	(a)	2.31	131	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.155	30.072	63.2	59.0	56.2	78.3	.460	(a)	(a)	(c) SW	5.2	(a)	(a)	(a)	4.2	U a cu. L St cu.	U NW L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of AUG 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	86.0	29.232	.160	29.072	29.98	76.2	61.9	53	44	.402	82.4	65.8	NE	5			0	Few 4 3	ci st cu	N N	Pt. Cloudy				1
2	80.0	29.173	.145	29.028	29.95	61.2	59.3	58	90	.482	68.3	61.2	E	5			.25	10	st	W	Lt. Rain				2
3	76.0	29.081	.133	28.948	29.86	70.1	61.8	56	63	.448	72.2	67.2	NW	14			0	2 1	ci st st cu	NW NW	Clear	B 5:40 A E 7:15 A			3
4	76.0	29.243	.134	29.109	30.03	64.9	53.1	43	45	.277	70.6	58.8	NW	7			0	Few	ci st	NW	Clear				4
5	74.0	29.213	.129	29.084	30.00	68.4	60.9	56	65	.448	74.0	59.0	W	3			T	10	st	NW	Cloudy				5
6	75.0	29.253	.132	29.121	30.03	71.8	64.0	60	65	.577	75.9	64.0	NW	2			0	10	st cu	NW	Cloudy	5:40 A-B 9:30 A E			6
7	77.0	29.358	.137	29.221	30.14	75.3	63.8	57	53	.465	78.0	62.0	N	2			0	1	2 cu	NW	Clear				7
8	80.5	29.310	.146	29.164	30.08	80.1	67.8	62	53	.555	84.3	63.2	W	2			0	7	ci st	NW	Pt. Cloudy				8
9	80.0	29.260	.145	29.115	30.02	78.8	69.5	65	63	.616	82.4	71.0	SE	2			T	4 4	2 cu st cu	NW NW	Cloudy			C.L.H.	9
10	82.5	29.123	.151	28.972	29.87	79.2	70.7	67	66	.661	87.4	70.0	SW	8			0	6 2	ci cu cu	W W	Cloudy	B 5:40 a E 6:20 a		C.L.H.	10
11	84.0	29.068	.154	28.914	29.81	80.8	69.0	63	56	.575	86.7	71.8	NW	6			0	3 1	2 cu cu	W SW	Pt. Cloudy			C.L.H.	11
12	84.0	29.092	.155	28.937	29.84	80.1	67.8	62	53	.555	85.1	68.0	SW	2			0	4	st cu	NW	Pt. Cloudy				12
13	81.5	28.844	.147	28.697	29.60	70.1	66.9	66	85	.638	84.9	67.8	S	8			.05	4 6	2 st st cu	W W	Cloudy				13
14	76.0	29.102	.133	28.969	29.89	61.8	56.9	54	75	.417	66.9	61.8	W	10			T	10	st cu	NW	Lt Rain				14
15	75.5	29.301	.133	29.168	30.09	64.8	54.3	46	50	.310	70.1	54.8	NW	4			0	2	ci st.	NW	Clear				15
16	75.5	29.374	.133	29.241	30.16	71.8	56.3	44	37	.287	75.8	54.9	S	2			0	0	0	0	Clear			C.L.H.	16
17	76.5	29.294	.136	29.158	30.08	77.3	65.6	59	54	.499	83.9	61.8	SW	6			0	6	ci	NW	Pt. Cloudy				17
18	78.0	29.291	.140	29.151	30.06	74.9	63.2	56	52	.448	82.6	65.9	N	9			T	8	st cu	NW	Cloudy				18
19	78.0	29.443	.141	29.304	30.23	67.1	54.9	45	45	.298	73.0	56.8	E	6			0	0	0	0	Clear				19
20	77.0	29.429	.138	29.291	30.22	70.1	56.0	45	40	.298	73.8	56.9	E	4			0	4	2 cu	NW	Pt. Cloudy				20
21	78.0	29.311	.140	29.171	30.09	77.1	63.0	54	46	.417	82.8	61.0	SE	5			0	4	st cu	NW	Pt. Cloudy				21
22	80.5	29.151	.146	29.005	29.90	82.9	72.8	69	62	.707	87.6	71.8	S	6			T	4	st cu	NW	Pt. Cloudy				22
23	82.0	29.153	.150	29.003	29.90	77.6	73.8	72	84	.783	84.1	71.8	W	3			.01	10	st cu	NW	Cloudy				23
24	82.0	29.290	.150	29.140	30.05	75.8	64.8	59	55	.499	81.0	64.0	E	4			0	Few	ci	W	Clear			C.L.H.	24
25	82.0	29.320	.150	29.170	30.09	79.4	66.9	60	52	.517	85.6	63.8	S	3			0	1	ci	W	Clear			C.L.H.	25
26	83.0	29.257	.153	29.104	30.01	80.6	70.1	65	59	.616	86.9	67.0	W	6			0	7	ci st	NW	Pt. Cloudy				26
27	81.5	29.296	.149	29.147	30.07	71.2	59.0	51	48	.373	74.6	56.8	N	4			0	Few	2 st	NE	Clear				27
28	78.0	29.276	.140	29.136	30.06	66.8	60.0	56	68	.448	71.2	58.0	SE	4			0	9	st cu	N	Cloudy				28
29	76.5	29.340	.136	29.204	30.12	68.8	60.3	55	61	.432	73.1	57.8	E	4			0	2 2	2 St st cu	NE NE	Pt. Cloudy				29
30	77.5	29.386	.139	29.247	30.18	72.8	63.8	59	61	.499	79.1	59.8	SE	4			0	Few	2 cu	N	Clear			C.L.H.	30
31	78.0	29.400	.140	29.260	30.18	76.9	67.4	63	61	.575	84.4	64.0	SW	5			0	2 2	2 st st cu	NW NW	Pt Cloudy				31
Sums		(a)	(a)	902.251	930.59	2274.7	1965.6	1780	1811	15.062	(a)	(a)	(a)	155	(a)	(a)	0.31	155	(a)	(a)	(a)	3	0	(a)	(a)
Means		(a)	(a)	29.105	30.019	73.4	63.4	57.4	58.4	.486	(a)	(a)	(c) E, W, NW	5.0	(a)	(a)	(a)	5.0	U 2 cu L 1 St cu	UNW LNW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible] 1909, 192

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp.m. to Zp.m. *‡‡	Snow unmelted. Zp.m. to Zp.m. *‡‡	Hail, sleet, and snow on ground at Zp.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Thursday 1	82	65	17	6	74																0	.14	-.14	-.14	0	0	0	0	1
2	68	58	10	11	63				R	9:12a	10:00a	R	12:10p	2:45p	R	3:20p	Cont.				1.06	.14	+.92	+.78	0	0	0	0	2
3	72	59	13	3	66				R	Cont.	DNa										1.00	.12	+.88	+1.66	0	0	0	0	3
4	71	54	17	4	62																0	.11	-.11	+1.55	0	0	0	0	4
5	74	51	23	0	62				R	3:40p	5:15p										T	.10	-.10	+1.45	0	0	0	0	5
6	76	64	12	8	70																0	.10	-.10	+1.35	0	0	0	0	6
7	78	59	19	2	68																0	.10	-.10	+1.25	0	0	0	0	7
8	84	58	26	3	71																0	.10	-.10	+1.15	0	0	0	0	8
9	82	67	15	3	74				R	9:15a	9:30a										T	.10	-.10	+1.05	0	0	0	0	9
10	87	68	19	4	78				R	DNa	DNa										.17	.11	+.06	+1.11	0	0	0	0	10
11	87	70	17	0	78																0	.10	-.10	+1.01	0	0	0	0	11
12	85	65	20	3	75																0	.11	-.11	+.90	0	0	0	0	12
13	85	60	25	3	72				R	DNa	DNa	R	1:55p	4:05p	R	7:39p	8:50p	R	11:10p	DNp	0.38	.11	+.27	+1.17	0	0	0	0	13
14	67	58	9	10	62				R	6:28p	6:56p	R	8:51p	9:30p							T	.10	-.10	+1.07	0	0	0	0	14
15	70	53	17	0	62																0	.10	-.10	+.97	0	0	0	0	15
16	76	49	27	0	62																0	.10	-.10	+.87	0	0	0	0	16
17	84	58	26	9	71																0	.09	-.09	+.78	0	0	0	0	17
18	83	64	19	3	74				R	DNp	DNp										T	.09	-.09	+.69	0	0	0	0	18
19	73	54	19	10	64																0	.10	-.10	+.59	0	0	0	0	19
20	74	50	24	2	62																0	.10	-.10	+.49	0	0	0	0	20
21	83	56	27	8	70				R	DNp	DNp										T	.10	-.10	+.39	0	0	0	0	21
22	88	68	20	8	78				R	11:05a	11:10a	R	11:25a	11:50a	R	12:30p	12:40p				T	.10	-.10	+.29	0	0	0	0	22
23	84	70	14	1	77				R	5:10a	6:10a	R	9:15a	9:25a	R	4:05p	5:10p				.01	.08	-.07	+.22	0	0	0	0	23
24	81	62	19	5	72																0	.08	-.08	+.14	0	0	0	0	24
25	86	60	26	1	73																0	.09	-.09	+.05	0	0	0	0	25
26	87	64	23	3	76				R	9:15p	9:30p	R	11:15p	DNp							T	.09	-.09	-.04	0	0	0	0	26
27	75	57	18	10	66																0	.09	-.09	-.13	0	0	0	0	27
28	71	54	17	4	62																0	.09	-.09	-.22	0	0	0	0	28
29	73	56	17	2	64																0	.10	-.10	-.32	0	0	0	0	29
30	79	54	25	2	66																0	.09	-.09	-.41	0	0	0	0	30
31	84	62	22	7	73																0	.08	-.08	-.49	0	0	0	0	31
S	2447	1847	602	135	2147		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	9.62	3.11	Total excess or deficiency since Jan. 1,	0	0	(a)	(a)	(a)
M	79.0	59.6	19.4	4.4	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+2.48	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF [illegible] 1929, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.155	29.105	29.130	29.385	20	28.697	13	0.688	30.072	30.019	30.046	30.32	20	29.60	13	0.72
Corrected mean		29.126						Corrected mean		30.042					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
63.2	73.4	68.3	59.0	63.4	61.2	79.0	59.6	69.3	88	22	49	16	39	27	16	9	14

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
56.2	57.4	56.8	78.3	58.4	68.4	.460	.486	.473	0	0	0	0

Clouds.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: Northwest

Most frequent direction lower clouds: Northwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4403	5.9	SW	22	NW	13	6	7	10	5	6	13	7	8	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.2	5.0	5.2	70	11	13	7	0	2	3

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	2,3,13,23,26	None	5	None	3,6,10	None	None	None	9-30	16	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.62	2.06	2+3	None			None			7	5	4	3	2	12	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.22, date 13th; 10 minutes 0.28, date 13th; 15 minutes 0.29, date 13th

30 minutes 0.31, date 13th; 1 hour 0.54, date 3rd; 2 hours 0.69, date 3rd.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., *for the Month of* AUG 1929, *192*

Number of Station barometer, 656; *sum of corrections,* -.009 *inch.*

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation.††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th mer.	Local (standard).	Attached thermometer	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity.†	Max. since last observation.	Direction.		Amt.	Kind.	Dir. from.				

SPECIAL OBSERVATIONS.

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If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Aug 1929, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	107	16	43	7	8	1													158	24
2					83	17	27	6	6	1									116	24
3	11	2							36	5	26	3	16	2	129	12			218	24
4													33	4	162	20			195	24
5											38	7	74	16			0	1	112	24
6	14	5	6	2	7	3			2	1	4	1	8	5	14	5	0	2	55	24
7	16	5	88	16	14	3													118	24
8					18	8			11	2	27	4	32	10					88	24
9							19	5	44	7	42	11					0	1	105	24
10									27	5	126	19							153	24
11											21	4	119	15	27	5			167	24
12	19	5	24	5	23	6					20	4	10	2	10	2			106	24
13			3	1	3	1	14	5	147	14	30	3							197	24
14											18	3	215	19	13	2			246	24
15													67	6	122	18			189	24
16							23	5	36	9	6	2			7	7	0	1	72	24
17									54	9	103	15							157	24
18	29	4	44	7	18	4			4	1	38	8							133	24
19			184	19	24	5													208	24
20			27	7	83	16	5	1											115	24
21					22	7	43	7	66	10									131	24
22							7	1	64	9	127	12	19	2					217	24
23	10	2	6	1							94	10	68	9	13	2			191	24
24			104	15	33	8	3	1											140	24
25	6	4	3	1	1	1	9	3	42	11	13	3					0	1	74	24
26									14	5	37	6	66	10	19	3			136	24
27	168	23							3	1									171	24
28	7	2	40	11	28	7	15	4											90	24
29	21	9	5	2	28	9	12	3	3	1									69	24
30					15	6	10	3	79	14	5	1							109	24
31									22	3	128	19	17	2					167	24
SUM,	408	77	577	94	408	102	187	44	660	108	903	135	744	102	516	76	0	6	4403	744
PERCENTAGE,	9	10	13	13	9	14	4	6	15	14	21	18	17	14	12	10	0	1	a	a
AVG. HOURLY VELOCITY,	5.3	a	6.1	a	4.0	a	4.2	a	6.1	a	6.7	a	7.3	a	6.8	a	0	a	5.9	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1929, 192

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.0	29.465	.135	29.330	30.25	65.2	61.0	59	79	.499	76.9	63.4	SW	2			0	0	0	0	Clear		J.J.	1
2	78.5	29.372	.141	29.231	30.14	68.0	63.5	61	78	.536	78.2	63.9	S	9			0	0	0	0	Clear		J.J.	2
3	80.5	29.340	.146	29.194	30.10	69.0	64.0	61	77	.536	81.1	66.2	S	3			0	0	0	0	Clear		C.L.H.	3
4	82.0	29.240	.150	29.090	30.00	68.0	63.0	60	76	.517	80.9	65.9	S	10			0	1	2 cu	E	Clear		C.L.H.	4
5	83.0	29.086	.152	28.934	29.83	71.8	67.3	65	80	.616	80.0	68.9	S	8			0	2	ci st	W	Clear		C.L.H.	5
6	82.0	29.168	.150	29.018	29.93	65.0	64.8	65	99	.616	76.9	65.0	NW	6			0.81	10	st	NW	Cloudy		C.L.H.	6
7	79.0	29.260	.142	29.118	30.04	62.5	62.0	62	97	.555	67.7	62.5	NE	6			.03	10	st cu	N	Cloudy		C.L.H.	7
8	77.0	29.332	.137	29.195	30.12	62.4	61.0	60	93	.517	69.1	61.8	NE	6			0	1 5 10	a. cu st cu Lt Fog	W W 0	Pt Cloudy		E.P.H.	8
9	76.0	29.170	.134	29.036	29.95	66.2	66.0	66	99	.638	69.0	64.1	E	2			.04	10	St	E	Lt. Rain		P.A.L.	9
10	75.5	29.188	.133	29.055	29.98	56.0	52.0	49	77	.347	76.4	54.8	SW	8			0	2 2	ci st st cu	W W	Pt Cloudy		P.A.L.	10
11	73.0	29.530	.127	29.403	30.34	51.6	47.6	44	75	.287	61.8	47.2	N	3			0	3	ci cu	W	Clear		P.A.L.	11
12	73.0	29.308	.126	29.182	30.10	53.5	51.0	49	85	.347	63.9	52.4	E	4			0	4 6	ci st a. cu	SW SW	Cloudy		P.A.L.	12
13	71.5	28.986	.121	28.865	29.78	60.3	59.8	58	89	.489	63.8	58.7	SW	8			.05	10	St	SW	Cloudy		E.P.H.	13
14	70.5	29.064	.119	28.945	29.86	50.2	47.7	45	84	.298	69.4	49.5	W	8			0	0	0	0	Clear		P.A.L.	14
15	69.0	29.306	.116	29.190	30.12	48.8	43.8	39	67	.237	55.2	44.8	S	6			0	0	0	0	Clear		E.P.H.	15
16	68.5	29.176	.114	29.062	29.98	54.2	49.7	46	73	.310	64.8	50.4	S	8			0	0	0	0	Clear		P.A.L.	16
17	69.5	29.176	.117	29.059	29.99	52.6	52.1	52	97	.387	61.0	52.2	SW	12			.19	5 4	2 st st cu	W W	Cloudy		P.A.L.	17
18	68.0	29.414	.114	29.300	30.24	44.1	41.1	38	78	.228	52.8	43.9	N	7			0	3	2 cu	W	Clear		P.A.L.	18
19	66.0	29.508	.109	29.399	30.35	39.9	37.4	34	80	.195	51.6	38.5	NE	4			0	4	ci st	N	Pt. Cldy		P.A.L.	19
20	72.0	29.524	.125	29.399	30.34	43.2	40.2	36	78	.211	52.9	39.7	NE	5			0	0	0	0	Clear		P.A.L.	20
21	70.0	29.558	.119	29.439	30.38	44.1	42.6	41	89	.256	52.8	41.6	NE	8			0	3	ci	E	Clear		P.A.L.	21
22	69.5	29.557	.118	29.439	30.38	45.1	43.3	42	87	.266	56.1	43.1	NE	7			0	0	0	0	Clear		J.J.	22
23	69.0	29.460	.117	29.343	30.28	45.0	44.0	43	93	.277	61.6	42.8	E	5			0	0	0	0	Clear		C.L.H.	23
24	71.5	29.356	.122	29.234	30.15	58.0	56.0	55	89	.432	71.1	54.8	E	3			0	1	ci	W	Clear		C.L.H.	24
25	75.0	29.284	.132	29.152	30.06	65.0	62.3	61	86	.536	76.4	64.2	SE	2			T	10	2 st	E	Cloudy		C.L.H.	25
26	74.0	29.274	.129	29.145	30.06	62.2	61.7	61	97	.536	67.1	61.1	NE	9			.06	10	st cu	NE	Cloudy		C.L.H.	26
27	73.0	29.300	.126	29.174	30.09	62.8	62.8	63	100	.575	64.9	62.8	NE	2			T	10 10 10	Nt Dense Fog	NE 03	Lt. Rain Foggy		C.L.H.	27
28	74.0	29.314	.129	29.185	30.10	62.6	62.6	63	100	.575	72.9	61.9	NE	1			T	10 10	N Fog Dense Fog	NE 03	Lt. Rain Foggy		C.L.H.	28
29	76.0	29.308	.134	29.174	30.09	64.8	64.8	65	100	.616	77.2	63.8	N	6			.53	10	st cu	NE	Hy Rain		C.L.H.	29
30	74.0	29.412	.130	29.282	30.22	50.2	47.7	45	84	.298	59.7	50.2	NE	7			T	7	st cu	NW	Pt. Cloudy		C.L.H.	30
31																								31
Sums		(a)	(a)	875.572	903.25	1712.3	1642.8	1549	2594	12.743	(a)	(a)	(a)	175	(a)	(a)	1.71	143	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.186	30.108	57.1	54.8	53.0	86.5	.425	(a)	(a)	(c) NE	5.8	(a)	(a)	(a)	4.8	U Ci St L St Cu	U W L NE	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1929, 192

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	80.0	29.361	.145	29.216	30.14	78.2	66.0	59	52	.499	85.0	65.2	SE	3			0	0	0	0	Clear			CJ	1
2	81.5	29.288	.149	29.139	30.05	81.1	69.8	64	57	.595	89.4	68.0	S	5			0	0	0	0	Clear			CJ	2
3	84.0	29.242	.155	29.087	30.00	80.9	66.9	60	48	.517	89.6	69.0	S	7			0	Few 1	ci st ci cu	SW SW	Clear			CJ	3
4	84.0	29.090	.155	28.935	29.84	80.0	69.1	64	57	.595	86.9	68.0	SE	4			0	5 2	2cu st cu	NW NW	Pt Cloudy			CJ	4
5	82.0	29.081	.149	28.932	29.83	76.9	70.1	67	72	.661	82.8	71.8	W	3			.03	10	stcu	W	Cloudy			CJ	5
6	78.0	29.221	.139	29.082	30.00	67.7	62.2	59	74	.499	69.9	62.3	NE	3			T	10	stcu	NE	Cloudy	B 5:20A E 6:30A		EJ	6
7	77.5	29.268	.138	29.130	30.05	69.1	65.1	63	81	.575	70.3	62.5	NE	4			T	6	stcu	W	Pt Cloudy			EJH	7
8	77.0	29.240	.137	29.105	30.02	69.0	68.5	68	97	.684	74.2	62.4	E	4			.18	10	st	W	Cloudy			EJH	8
9	79.0	29.071	.141	28.930	29.84	73.8	70.8	70	86	.732	83.4	66.2	SW	6			.04	2 6	acu cu	SW W	Cloudy	B 5:40A E 7:04A		EJH	9
10	76.0	29.372	.134	29.238	30.16	61.8	54.8	50	64	.360	67.8	56.0	NW	7			0	3	a st	W	Clear			EJH	10
11	74.0	29.434	.130	29.304	30.23	63.9	54.4	47	54	.322	68.0	51.6	E	2			0	2	cirrus	SW	Clear			EJH	11
12	72.5	29.084	.124	28.960	29.88	63.8	59.2	57	77	.465	69.0	53.5	S	11			T	10	stcu	W	Cloudy			EJH	12
13	73.0	28.962	.125	28.837	29.74	69.4	61.1	56	62	.448	74.8	60.3	SW	8			T	10	stcu	W	Cloudy			EJH	13
14	70.5	29.204	.120	29.084	30.01	55.2	46.7	38	52	.228	61.0	50.2	W	3			0	0	0	0	Clear			EJH	14
15	70.0	29.182	.118	29.064	29.99	64.8	54.3	46	50	.310	72.0	48.8	S	8			0	0	0	0	Clear			EJH	15
16	71.0	29.048	.120	28.928	29.85	61.0	60.5	60	97	.517	82.2	54.2	W	12			.02	10	st	W	Lt Rain			CLH	16
17	69.0	29.268	.116	29.152	30.08	52.8	44.8	36	53	.211	66.8	52.6	NW	7			0	4	2cu	W	Pt Cloudy			CJ	17
18	68.0	29.441	.114	29.327	30.27	51.6	42.9	33	47	.187	56.0	44.1	N	4			0	3	cu	NE	Clear			CJ	18
19	67.0	29.450	.111	29.339	30.28	52.9	45.8	39	58	.237	55.9	39.9	E	5			0	10	stcu	E	Cloudy			CJ	19
20	72.0	29.505	.125	29.380	30.32	52.8	44.9	36	53	.211	59.0	43.2	NE	8			0	1	cu	E	Clear			CJ	20
21	71.0	29.518	.122	29.396	30.34	56.1	49.2	43	61	.277	66.0	44.1	NE	10			0	0	0	0	Clear			CJ	21
22	70.5	29.467	.121	29.346	30.29	61.6	52.0	43	52	.277	70.0	45.1	NE	8			0	0	0	0	Clear			CJ	22
23	71.0	29.349	.121	29.228	30.15	71.1	63.2	58	65	.482	76.8	45.0	E	3			0	2	ci	W	Clear		B 4:40A E 6:25A	CJ	23
24	73.5	29.254	.128	29.126	30.05	76.4	62.8	54	47	.417	82.3	58.0	SE	7			0	10	stcu	W	Cloudy			CJ	24
25	75.0	29.279	.132	29.147	30.07	67.1	62.8	60	79	.517	74.6	65.0	NE	10			T	10	stcu	E	Light Rain			CJ	25
26	73.5	29.279	.128	29.151	30.07	64.9	63.3	63	92	.575	67.2	62.2	NE	5			T	10 10 10	HFog st	O E	Cloudy	B 2:00P E 4:00P B 11:00P cont	B 11:00P cont cont E 9:40A	CJ	26
27	73.5	29.301	.128	29.173	30.09	72.9	67.1	64	74	.595	77.2	62.8	NE	2			T	4	stcu	W	Pt Cloudy	cont-E 4:20A B 7:45A E 8:05A	B 4:20A E 7:45A	CJ	27
28	76.5	29.280	.135	29.145	30.05	77.2	67.7	63	61	.575	84.2	62.6	NW	3			T	0	0	0	Clear			CLH	28
29	76.0	29.320	.134	29.186	30.11	59.7	58.2	58	92	.482	69.8	59.7	N	10			.37	10	stcu	NW	Cloudy			CLH	29
30	72.5	29.396	.126	29.270	30.21	53.8	47.1	40	61	.247	60.6	50.2	N	6			0	2	cu	N	Clear			EJS	30
31																									31
Sums	(a)	(a)	(a)	874.336	902.01	1487.5	1771.3	1618	1975	13297	(a)	(a)	(a)	178	(a)	(a)	0.64	153	(a)	(a)	(a)	5	4	(a)	(a)
Means	(a)	(a)	(a)	29.145	30.067	66.2	59.0	53.9	65.8	.443	(a)	(a)	(c) NE	5.9	(a)	(a)	(a)	5.1	U cu L St cu	U SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1929, 192

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Sunday 1	85	63	22	1	74																0	.08	-.08	-.08	0	0	0	0	1
2	89	64	25	2	76																0	.10	-.10	-.18	0	0	0	0	2
3	90	66	24	2	78																0	.11	-.11	-.29	0	0	0	0	3
4	87	66	21	2	76																0	.11	-.11	-.40	0	0	0	0	4
5	83	69	14	0	76				R	10:40a	11:15a	R	8:15p	D N/P							.62	.11	+.51	+.11	0	0	0	0	5
6	70	62	8	10	66				R	D Na	D Na	R	5:50a	6:50a							.22	.11	+.11	+.22	0	0	0	0	6
7	70	62	8	0	66				R	D Na	D Na	R	3:45P	3:50P							.03	.10	-.07	+.15	0	0	0	0	7
8	74	62	12	2	68				R	3:10P	3:25P	R	5:20P	6:40P	R	7:20P	7:35P				.18	.10	+.08	+.23	0	0	0	0	8
9	83	64	19	6	74				R	D.N.A	D.N.A	R	6:10A	7:07A	R	6:15P	6:35P				.08	.10	-.02	+.21	0	0	0	0	9
10	71	54	17	12	62																0	.10	-.10	+.11	0	0	0	0	10
11	68	47	21	4	58																0	.10	-.10	+.1	0	0	0	0	11
12	69	52	17	2	60				R	2 55	3 05 p	R	7 03 p	7 10 p	R	8 40 p	9 16 p	R	10 05 p	10 30 p	.02	.10	-.08	-.07	0	0	0	0	12
13	75	58	17	6	66				R	D N A	D N A	R	8 30 a	8 40 am	R	5 25 p	5 40 p				.03	.10	-.07	-.14	0	0	0	0	13
14	61	49	12	11	55																0	.10	-.10	-.24	0	0	0	0	14
15	72	45	27	3	58																0	.10	-.10	-.34	0	0	0	0	15
16	82	50	32	8	66				R	5:40P	8:25P										.21	.10	+.11	-.23	0	0	0	0	16
17	67	49	18	8	58																0	.10	-.10	-.33	0	0	0	0	17
18	56	44	12	8	50																0	.10	-.10	-.43	0	0	0	0	18
19	56	38	18	3	47																0	.10	-.10	-.53	0	0	0	0	19
20	59	40	19	3	50																0	.11	-.11	-.64	0	0	0	0	20
21	66	42	24	4	54																0	.11	-.11	-.75	0	0	0	0	21
22	70	43	27	2	56																0	.11	-.11	-.86	0	0	0	0	22
23	77	43	34	4	60																0	.10	-.10	-.96	0	0	0	0	23
24	82	55	27	8	68																0	.10	-.10	-1.06	0	0	0	0	24
25	75	61	14	0	68				R	D Na	D Na	R	7:12a	7:20a	R	6:25p	7:30p	R	D N p	Cont	.04	.11	-.07	-1.13	0	0	0	0	25
26	67	61	6	3	64				R	Cont	D Na	R	D Na	D Na	R	3:00p	4:00p				.02	.10	-.08	-1.21	0	0	0	0	26
27	77	63	14	6	70				R	6:40a	9:05A										T	.10	-.10	-1.31	0	0	0	0	27
28	84	62	22	3	73				R	6:20a	7:10a										T	.10	-.10	-1.41	0	0	0	0	28
29	70	55	15	11	62				R	5:15a	10:55a	R	8:30p	8:45p	R	9:05p	9:15p				.90	.10	+.80	-.61	0	0	0	0	29
30	61	46	15	8	54																0	.10	-.10	-.71	0	0	0	0	30
31																													31
S	2196	1635	561	142	1913		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.35	3.06	Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	73.2	54.5	18.7	4.7	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-1.77		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF SEP 1929, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.186	29.145	29.166	x 29.450	22	x 28.820	13	0.630	30.108	30.067	30.088	x 30.39	22	x 29.72	13	0.67
Corrected mean		29.161						Corrected mean		30.083					

x From barograph trace.

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
57.1	66.2	61.6	54.8	59.0	56.9	73.2	54.5	63.8	90	3	38	19	52	34	23	6	26

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
53.0	53.9	53.4	86.5	65.8	76.2	.425	.443	.434	0	0	0	0

CLOUDS.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4733	6.6	NE	23	W	16	6	18	8	4	10	6	4	4	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.8	5.1	5.1	66	11	8	11	1	1	9

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
~~21~~	~~20~~	19	5, 29	0	0	0	27, 28 ~~29~~	28. 23, 26, 27	0	22	1	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.35	0.90	29	None	–	–	None	–	–	2	11	7	2	0	13	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.13, date 29; 10 minutes 0.21, date 5; 15 minutes 0.26, date 5

30 minutes 0.34, date 29; 1 hour 0.54, date 29; 2 hours 0.68, date 29.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None													

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

Earle L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
							Extremes of pressure																		
13	11:00a	10:00a				28.820	29.72	75.0															Lowest		13
22	9:00a	8:00a				29.450	30.39	52.0															Highest		22

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1923, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									81	13	35	10	2	1					118	24
2									106	14	84	10							190	24
3									64	9	109	15							173	24
4									117	14	68	10							185	24
5	12	4							56	8	64	8	14	4					146	24
6	58	11	27	6	5	2									31	5			121	24
7			79	21	11	3													90	24
8			102	17	35	7													137	24
9					23	7	4	1	84	9	68	7							179	24
10	13	2									29	3	202	14	39	5	31	5	283	24
11	12	7	23	4	51	13													86	24
12					38	10	27	5	73	9									138	24
13									18	3	174	17	32	4					224	24
14											36	6	169	18					205	24
15									196	24									196	24
16									193	17			53	6	14	1			260	24
17											57	6	126	11	52	7			235	24
18	90	14	23	6									3	1	16	3			132	24
19			42	11	65	13													107	24
20			123	16	75	8													198	24
21			136	18	52	6													188	24
22			71	11	84	13													155	24
23			4	1	63	16	35	7											102	24
24					18	9	55	12	12	3									85	24
25			65	8	35	7	29	9											129	24
26			141	22	15	2													156	24
27	7	2	59	20	4	2													70	24
28	13	5	8	8									21	3	31	8			73	24
29	68	13	55	6							10	2	4	1	12	2			149	24
30	84	9	139	15															223	24
31																				
SUM,	357	67	1097	190	574	118	150	34	1000	123	734	94	626	63	145	31	0	0	4733	720
PERCENTAGE,	8	9	23	27	12	16	3	5	21	17	16	13	13	9	4	4	0	0	a	a
AVG. HOURLY VELOCITY,	5.3	a	5.8	a	4.9	a	4.4	a	8.1	a	7.8	a	9.9	a	6.3	a	0	a	6.6	a

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Oct 1929, 192

Number of Station barometer, 656; sum of corrections, -.008 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.5	29.420	.121	29.299	30.24	44.2	42.2	40	85	.247	53.8	43.2	N	9			0	0	0	0	Clear		C.L.H.	1
2	68.0	29.257	.113	29.144	30.07	44.6	40.9	36	73	.211	53.1	42.4	N	10			0	4	ci cu	N	Pt. Cloudy		C.L.H.	2
3	68.5	29.180	.114	29.066	30.00	48.8	47.0	45	88	.298	53.8	47.2	W	4			0	10	st cu	N	Cloudy		C.L.H.	3
4	68.0	29.242	.113	29.129	30.07	37.0	36.2	35	93	.203	48.2	36.4	N	3			.01	Few	ci cu	N	Clear		C.L.H.	4
5	68.5	29.358	.115	29.243	30.17	42.0	39.5	36	81	.211	50.9	40.8	E	1			0	4	ci cu	E	Pt Cloudy		C.L.H.	5
6	70.0	29.305	.119	29.186	30.12	51.1	50.0	49	93	.347	60.8	48.3	SW	10			0	1	ci cu	SW	Pt Cloudy		C.J.	6
7	70.0	29.316	.119	29.197	30.13	51.8	49.3	47	84	.322	61.8	51.2	NW	4			T	2	ci cu	SW	Clear		C.L.H.	7
8	69.0	29.484	.117	29.367	30.31	42.8	40.8	39	85	.237	55.2	40.8	W	1			0	0	0	0	Clear		C.L.H.	8
9	70.5	29.646	.122	29.524	30.47	38.4	35.2	31	74	.172	52.4	36.4	NE	6			0	9	st cu	NE	Cloudy		C.L.H.	9
10	69.0	29.720	.118	29.602	30.55	45.0	39.2	31	59	.172	49.1	43.9	E	4			0	10	st cu	W	Cloudy		C.L.H.	10
11	70.0	29.590	.119	29.471	30.41	50.8	50.3	50	97	.360	50.8	46.2	E	2			0.54	10	st	W	Lt Rain		C.L.H.	11
12	69.0	29.310	.116	29.194	30.11	58.8	55.8	54	83	.417	60.2	57.8	SW	15			.01	10	st	SW	Lt. Rain		C.L.H.	12
13	69.0	29.372	.116	29.256	30.20	49.1	47.0	45	86	.298	58.0	45.1	SW	6			0	10	a st	NW	Cloudy		C.L.H.	13
14	70.0	29.392	.119	29.273	30.21	42.2	40.1	38	84	.228	54.1	40.8	SW	4			0	Few	ci	W	Clear		C.L.H.	14
15	71.0	29.440	.122	29.318	30.26	44.8	42.0	39	80	.237	58.3	43.8	SW	4			0	0	0	0	Clear		C.L.H.	15
16	70.5	29.066	.119	28.947	29.87	58.6	55.1	53	81	.402	58.6	54.8	SW	12			0	1 8	ci a cu	SW	Cloudy		C.L.H.	16
17	72.0	29.280	.124	29.156	30.09	39.8	37.3	34	80	.195	54.9	38.1	NW	4			0	0	0	0	Clear		C.L.H.	17
18	72.5	29.350	.125	29.225	30.16	42.2	40.2	38	85	.228	52.9	41.1	E	1			0	0	0	0	Clear		C.L.H.	18
19	71.0	29.240	.121	29.119	30.05	46.8	39.8	31	54	.172	60.0	46.5	S	6			0	1	a st	NW	Clear		C.L.H.	19
20	72.0	29.081	.123	28.958	29.88	53.8	47.6	41	64	.256	65.9	53.0	S	9			0	5 4	ci st cu	W SW	Cloudy		C.J.	20
21	70.0	29.112	.118	28.994	29.92	48.8	48.2	47	94	.322	54.0	48.8	N	4			0.20	10	st	N	Cloudy		C.L.H.	21
22	70.0	28.672	.117	28.555	29.48	46.2	45.2	45	100	.298	48.2	44.8	N	14			0.67	10	N.b	N	Lt. Rain		C.L.H.	22
23	60.5	28.720	.092	28.628	29.55	34.0	32.0	29	81	.157	43.2	33.0	SW	20			0.35	10	st cu	NW	Lt. Snow		C.L.H.	23
24	59.5	28.910	.090	28.820	29.76	35.2	34.8	34	96	.195	35.2	32.4	W	12			0.06	10	st	W	Cloudy		C.L.H.	24
25	61.0	29.100	.094	29.006	29.96	33.2	31.7	29	85	.157	39.9	32.4	SW	7			0.01	5	ci st	N	Pt Cloudy		C.L.H.	25
26	66.0	28.978	.107	28.871	29.80	43.6	39.1	34	68	.195	49.1	42.4	SW	13			0	Few	a st	N	Clear		C.L.H.	26
27	65.5	28.934	.106	28.828	29.74	49.8	45.0	40	69	.247	57.8	49.8	SW	8			0	Few	a st	NW	Clear		C.L.H.	27
28	70.0	29.370	.119	29.251	30.20	35.2	34.0	32	89	.180	47.8	33.8	NE	11			0	6	a st	NE	Pt. Cloudy		C.L.H.	28
29	68.0	29.331	.113	29.218	30.16	39.2	37.2	34	84	.195	42.6	39.2	E	12			T	10	st cu	SE	Cloudy		C.L.H.	29
30	70.0	29.333	.119	29.214	30.14	52.2	52.2	52	100	.387	52.8	43.6	E	3			T	10	Dense Fog	E 3	Foggy		C.L.H.	30
31	71.5	29.268	.122	29.146	30.07	60.0	60.0	60	100	.517	60.0	57.7	SE	6			.01	10 10	Lt Fog st	3 SE	Cloudy		C.L.H.	31
Sums		(a)	(a)	903.205	932.15	1409.0	1334.7	1248	2575	8063	(a)	(a)	(a)	225	(a)	(a)	1.86	164	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.136	30.069	45.5	43.1	40.3	83.1	.260	(a)	(a)	(c) SW	7.3	(a)	(a)	(a)	5.3	U a.st L St cu st	USW LNW	W (a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.338	.121	29.217	30.15	53.1	48.4	44	72	.287	59.8	44.2	NE	6			0	3	cu	N	Clear				1
2	71.5	29.199	.122	29.077	30.01	53.8	46.1	38	56	.228	59.0	44.6	N	3			0	2 3	ci cu	NW N	Pt Cloudy				2
3	69.0	29.156	.116	29.040	29.97	48.2	47.7	47	96	.322	56.3	48.2	NW	10			0.18	10	stcu	NW	Lt. Rain				3
4	70.0	29.291	.119	29.172	30.10	50.9	43.9	36	57	.211	56.2	37.0	N	2			0	10	cist	SW	Cloudy	B 8:00p cnt cnt			4
5	72.0	29.316	.124	29.192	30.12	60.8	51.1	42	51	.266	67.1	42.0	S	6			0	3	cist	SW	Clear	DNa			5
6	70.0	29.224	.118	29.106	30.04	61.8	55.8	52	69	.387	69.0	51.1	SW	5			0	4	stcu	SW	Pt Cloudy				6
7	70.5	29.382	.121	29.261	30.20	55.2	45.2	34	44	.195	64.8	51.8	NW	5			0	0	0	0	Clear				7
8	72.5	29.482	.126	29.356	30.30	52.4	45.9	39	60	.237	59.4	42.8	N	4			0	3 1	2 st stcu	NW NW	Pt. Cloudy				8
9	71.5	29.664	.124	29.540	30.49	49.1	39.3	26	38	.136	54.6	38.4	NE	6			0	8	2cu	NW	Cloudy				9
10	71.5	29.639	.124	29.515	30.47	46.2	45.7	45	96	.298	50.6	45.0	NE	12			0.20	10	st	W	Light Rain				10
11	70.0	29.472	.119	29.353	30.29	58.0	55.6	54	87	.417	58.6	50.8	S	8			.07	10	stcu	SW	Cloudy	B 7:20a E 8:40a			11
12	71.5	29.296	.122	29.174	30.09	58.0	50.8	45	61	.298	64.8	52.6	SW	9			.31	3	cu	W	Clear				12
13	70.0	29.330	.119	29.211	30.14	54.1	48.1	42	65	.266	58.0	49.1	W	3			0	Few	ci	W	Clear			C.L.H.	13
14	72.0	29.374	.124	29.250	30.18	58.3	50.9	44	60	.287	63.7	42.2	NW	1			0	3	cu	NW	Clear	B 5:40a E 6:30a			14
15	72.0	29.253	.124	29.129	30.06	57.8	52.9	49	72	.347	66.6	44.8	SW	8			0	4	ci	NE	Pt. Cloudy				15
16	71.5	29.135	.122	29.013	29.94	54.9	49.2	44	67	.287	68.7	54.9	NW	10			0	3 5	ci cist	NW NW	Cloudy				16
17	74.0	29.284	.129	29.155	30.09	52.9	43.1	31	43	.172	57.6	39.8	NW	2			0	0	0	0	Clear				17
18	73.0	29.278	.126	29.152	30.08	60.0	47.2	33	36	.187	65.9	42.2	SE	4			0	4	ci	W	Pt Cloudy				18
19	73.5	29.149	.128	29.021	29.95	65.9	48.4	28	24	.150	75.2	46.8	S	6			0	2	ci	W	Clear				19
20	71.0	29.097	.120	28.977	29.91	54.0	52.4	51	90	.373	61.1	53.8	NW	4			0.20	10	st	NW	Lt. Rain				20
21	71.5	29.027	.121	28.906	29.84	48.2	47.8	47	97	.322	51.8	48.2	N	11			0.24	10	st	N	Lt Rain				21
22	66.0	28.525	.105	28.420	29.34	42.2	42.2	42	100	.266	47.3	42.2	W	14			054	10	st	NW	Lt. Rain				22
23	56.0	28.867	.081	28.786	29.73	33.2	32.1	31	89	.172	36.0	32.2	SW	20			0.08	10	stcu	SW	Cloudy				23
24	64.0	29.072	.102	28.970	29.91	39.9	38.9	38	92	.228	42.1	35.2	W	12			T	10	st	W	Lt Rain				24
25	64.0	29.012	.115	28.897	29.84	49.1	45.0	41	73	.256	56.8	33.2	SW	13			0	0	0	0	Clear				25
26	68.5	28.918	.114	28.804	29.72	57.8	49.0	41	53	.256	67.9	43.6	SW	10			0	1	cist	W	Clear				26
27	67.0	29.220	.110	29.110	30.04	47.8	42.8	37	67	.219	59.2	47.8	NW	10			0	0	0	0	Clear				27
28	70.0	29.336	.119	29.217	30.16	41.1	38.8	36	82	.211	45.3	35.2	NE	18			0	10	stcu	E	Cloudy				28
29	71.0	29.311	.121	29.190	30.13	43.6	43.0	42	95	.266	43.6	39.2	NE	9			T	10	st	E	Cloudy				29
30	71.5	29.321	.122	29.199	30.13	57.7	56.9	56	95	.448	58.9	52.2	E	4			0	10	st	SE	Cloudy	B 7:50a E 9:10a B 6:20a E 9:00a	B DNa E 7:30a B DNa E 6:20a		30
31	71.0	29.192	.121	29.071	29.99	63.9	62.2	62	91	.555	65.1	60.0	S	12			0.25	10	St	S	Cloudy			T.G.S.	31
Sums	(a)	(a)		702.481	931.41	1029.7	1466.4	1297	2178	8.550	(a)	(a)	(a)	247	(a)	(a)	2.04	182	(a)	(a)	(a)	6	9	(a)	(a)
Means	(a)	(a)		29.112	30.045	52.6	47.3	41.8	70.3	.276	(a)	(a)	(c) SW	8.0	(a)	(a)	(a)	5.9	U Ci L St	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1929, 192

Date.	Temperature. Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Last p. m. to last p. m. *‡‡	Snow unmelted. Last p. m. to last p. m. *‡‡	Hail, sleet, and snow on ground at last p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	60	42	18	3	51																0	.10	-.10	-.10	0	0	0	0	1
2	59	42	17	1	50																0	.09	-.09	-.19	0	0	0	0	2
3	56	42	14	1	49				R	7:10a	9:20a	R	4:15p	7:30p							.18	.08	+.10	-.09	0	0	0	0	3
4	56	36	20	3	46				R	DNa	DNa										.01	.07	-.06	-.15	0	0	0	0	4
5	67	41	26	8	54																0	.08	-.08	-.23	0	0	0	0	5
6	69	48	21	4	58				R	10:10p	10:25p										T	.08	-.08	-.31	0	0	0	0	6
7	65	49	16	1	57																0	.08	-.08	-.39	0	0	0	0	7
8	59	41	18	7	50																0	.08	-.08	-.47	0	0	0	0	8
9	55	36	19	4	46																0	.09	-.09	-.56	0	0	0	0	9
10	51	44	7	2	48				R	10:55a	Cont										0.70	.08	+.62	+.06	0	0	0	0	10
11	60	49	11	6	54				R	Cont	3:30p										.11	.08	+.03	+.09	0	0	0	0	11
12	65	50	15	4	58				R	6:10a	11:35a										.32	.08	+.24	+.33	0	0	0	0	12
13	58	45	13	6	52																0	.07	-.07	+.26	0	0	0	0	13
14	64	41	23	0	52																0	.07	-.07	+.19	0	0	0	0	14
15	67	44	23	4	56																0	.07	-.07	+.12	0	0	0	0	15
16	69	45	24	1	57																0	.09	-.09	+.03	0	0	0	0	16
17	58	38	20	9	48																0	.09	-.09	-.06	0	0	0	0	17
18	66	41	25	6	54																0	.09	-.09	-.15	0	0	0	0	18
19	75	46	29	6	60																0	.09	-.09	-.24	0	0	0	0	19
20	61	50	11	4	56				R	10:25a	Cont										0.25	.09	+.16	-.08	0	0	0	0	20
21	52	46	6	7	49				R	Cont	6:25a	R	7:05a	Cont							0.54	.07	+.47	+.39	0	0	0	0	21
22	47	36	11	7	42				R	Cont	Cont										1.33	.07	+1.26	+1.65	0	0	0	0	22
23	36	32	4	8	34				S^M R	8:00p Cont	Cont 5:40a	S^M	5:40a	11:35a	S^M	12:55p	1:50p	S^M	3:00p	5:45p	0.16	.07	+.09	+1.74	0	0.8	T	0.11	23
24	42	33	9	4	38				S^M	Cont.	DNa	R	11:15a	DNp							0.04	.08	-.04	+1.70	0	0.6	0	0.03	24
25	57	32	25	6	44																0	.09	-.09	+1.61	0	0	0	0	25
26	68	42	26	11	55																0	.09	-.09	+1.52	0	0	0	0	26
27	59	42	17	5	50																0	.10	-.10	+1.42	0	0	0	0	27
28	45	34	11	10	40				R	8:45p	9:15p										T	.10	-.10	+1.32	0	0	0	0	28
29	47	39	8	3	43				R	DNa	DNa	R	10:05a	10:30a	R	2:30p	3:30p	R	5:45p	6:10p	T	.10	-.10	+1.22	0	0	0	0	29
30	59	47	12	10	53				R	DNa	6:30a	R	7:20p	10:00p							.01	.09	-.08	+1.14	0	0	0	0	30
31	65	58	7	9	62				R	8:15a	1:50p	R	2:55p	6:25p	R	7:00p	7:15p	R	10:25p	Cont	.26	.09	+.17	+1.31	0	0	0	0	31
S	1817	1311	506	160	1566		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.91	2.60	Total excess or deficiency since Jan. 1,		0	1.4	(a)	(a)	(a)
M	58.6	42.3	16.3	5.2	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+3.06		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF OCT 1922, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.136	29.112	29.124	29.602	10	28.410	23	1.192	30.069	30.045	30.057	30.55	10	x 29.33	22	1.22
Corrected mean		29.118						Corrected mean		30.051	x From barograph trace.				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
55.5	52.6	49.0	43.1	47.3	45.2	58.6	42.3	50.4	75	19	32	23	43	29	19	4	23

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
40.3	41.8	41.0	83.1	70.3	76.7	.260	.276	.268	0	0	0	0

Clouds.
Most frequent clouds. Stratus
Most frequent direction upper clouds. Northwest
Most frequent direction lower clouds. Northwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6521	8.8	SW	29	SW	23	9	7	7	2	6	16	6	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.3	5.9	5.8	52	11	6	14	1	1	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	4,5,11,14,30,31	30,31	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.90	1.38	21+22	None	—	—	None	—	—	3	12	10	6	1	15	2	2	1.4	0

(w) Maximum precipitation in 5 minutes 0.04, date 10"; 10 minutes 0.06, date 10"; 15 minutes 0.08, date 10"
30 minutes 0.14, date 10"; 1 hour 0.21, date 10"; 2 hours 0.39, date 10 #

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
# Tipping bucket removed Tipping bucket inserted				6:40 a m Oct 23; 6:45 p m Oct 26.					None											

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Oct 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
31	2:00pm	1:00pm	73.0	29.230	.126	29.104	30.02	63.4	62.6	62	1.4	96	63.8	S	12	..		.19	10	st	S	Cloudy		JF	31
22	2 PM	3 PM				28.410	29.33	46.0	Extreme of pressure														Lowest		22

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1929, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	43	6	166	18															209	24
2	183	19													36	5			219	24
3	21	4									5	1	89	11	58	8			173	24
4	41	12											15	3	24	9			80	24
5					4	3	11	2	54	8	47	7			5	3	0	1	121	24
6									9	1	238	22	8	1					255	24
7	29	2											51	8	124	14			204	24
8	20	6	3	1							3	1	45	10	36	6			107	24
9	33	6	103	13	45	5													181	24
10			83	8	141	16													224	24
11					37	7	35	6	79	11									151	24
12									64	6	179	16	17	2					260	24
13											73	9	87	15					160	24
14											12	3	32	7	49	12	0	2	93	24
15									17	2	160	18			6	4			183	24
16											81	7	79	6	124	11			284	24
17	33	4													121	20			154	24
18	7	3			2	1	13	3	73	14					4	3			99	24
19									149	21	28	3							177	24
20	3	1							101	12	27	3	5	1	34	7			170	24
21	185	24																	185	24
22	145	11									54	3	90	7	33	3			322	24
23											477	24							477	24
24											82	6	204	18					286	24
25											270	24							270	24
26											345	24							345	24
27	14	2									84	6	54	5	106	11			258	24
28	8	1	271	21	28	2													307	24
29			103	13	139	11													242	24
30			9	3	51	15	27	6											87	24
31							72	10	166	14									238	24
SUM,	765	101	738	77	447	60	158	27	712	89	2165	177	776	94	760	116	0	3	6521	744
PERCENTAGE,	12	13	11	10	7	8	2	4	11	12	33	24	12	13	12	16	0	0	a	a
AVG. HOURLY VELOCITY,	7.6	a	9.6	a	7.4	a	5.9	a	8.0	a	12.2	a	8.3	a	6.6	a	0	a	8.8	a

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.284	.119	29.165	30.08	55.2	55.2	55	100	.432	64.8	55.2	W	3			.08	10	Nb	W	Lt. Rain		C.L.H.	1
																		Few	ci st	SW				
2	66.0	29.350	.108	29.242	30.17	41.6	40.1	39	88	.237	47.8	41.6	W	4			0	4	2 st	SW	Cloudy		C.L.H.	2
																		4	st cu	W				
3	66.0	29.257	.108	29.149	30.08	40.7	39.1	38	87	.228	49.1	39.9	SW	6			0	1	2 cu	SW	Clear		C.L.H.	3
4	62.0	29.255	.098	29.157	30.10	34.9	33.0	30	82	.164	49.6	34.8	W	8			0	0	0	0	Clear		C.L.H.	4
5	62.0	29.501	.098	29.403	30.36	29.9	28.0	25	79	.130	38.9	29.1	SW	9			T	Few	ci st	NW	Clear		C.L.H.	5
6	60.0	29.251	.092	29.159	30.10	34.0	32.3	30	84	.164	41.1	34.0	SW	10			0	1	ci st	W	Clear		C.L.H.	6
7	67.0	29.532	.111	29.421	30.38	32.6	31.1	29	85	.157	39.2	32.4	N	5			0	9	ci st	W	Cloudy		C.L.H.	7
8	70.0	29.573	.119	29.454	30.41	31.0	30.1	29	90	.157	40.0	30.9	NE	6			0	8	ci st	NW	Cloudy		C.L.H.	8
9	72.0	29.608	.125	29.483	30.44	32.8	31.8	31	90	.172	41.3	32.8	SE	3			0	0	0	0	Clear		C.L.H.	9
10	68.5	29.280	.115	29.165	30.10	40.2	36.2	31	68	.172	47.2	37.8	SE	6			0	10	st cu	W	Cloudy		C.L.H.	10
11	66.0	29.180	.108	29.072	30.01	41.1	40.6	40	96	.247	53.8	41.1	S	6			.03	10	st	SW	Cloudy		C.L.H.	11
12	70.0	29.210	.118	29.092	30.03	40.0	39.0	38	92	.228	46.8	38.8	S	5			0	6	2 st	W	Cloudy		C.L.H.	12
																		4	st cu	W				
13	71.0	29.206	.121	29.085	30.02	45.8	45.3	45	96	.298	46.9	45.8	NE	12			.02	10	Lt Fog	W	Lt. Rain		C.L.H.	13
																		10	st					
14	71.5	29.232	.122	29.110	30.05	43.8	43.8	44	100	.287	46.6	43.8	NE	9			.02	10	st	NE	Lt. Rain		C.L.H.	14
15	71.5	29.248	.122	29.126	30.07	37.6	35.6	33	83	.187	45.3	37.4	SW	8			T	8	2 st	SW	Cloudy		C.L.H.	15
16	72.0	29.404	.125	29.279	30.23	35.2	34.2	33	91	.187	42.0	33.2	S	2			0	8	2 st	W	Cloudy		C.L.H.	16
17	69.0	29.208	.116	29.092	30.03	43.4	42.0	41	89	.256	45.3	43.3	E	6			T	10	st	E	Cloudy		C.L.H.	17
18	71.0	28.884	.120	28.764	29.69	41.8	41.3	41	96	.256	43.0	41.8	W	6			.16	10	st	W	Lt. Rain		C.L.H.	18
19	71.5	29.100	.121	28.979	29.92	35.0	35.0	35	100	.203	41.9	35.0	W	8			.09	10	st cu	NW	Cloudy		C.L.H.	19
20	70.5	29.388	.129	29.259	30.21	30.4	29.9	29	95	.157	34.9	30.4	SW	4			T	6	st cu	W	Pt Cloudy		C.L.H.	20
21	74.0	29.636	.131	29.505	30.48	22.5	22.0	21	93	.108	29.2	22.5	W	9			0	5	2 st	NW	Pt Cloudy		C.L.H.	21
																		1	st					
22	74.0	29.750	.131	29.619	30.60	13.9	13.0	10	83	.063	22.2	13.9	SW	4			0	2	2 st	W	Clear		C.L.H.	22
23	77.0	29.460	.138	29.322	30.29	20.0	19.2	17	88	.089	24.9	19.8	S	6			0	4	2 st	W	Pt. Cloudy		C.L.H.	23
24	69.0	29.250	.116	29.134	30.08	25.2	24.2	22	87	.113	32.6	25.2	W	10			T	2	ci st	W	Pt. Cloudy		C.L.H.	24
																		4	2 cu	W				
25	67.0	29.290	.111	29.179	30.14	24.8	23.8	22	87	.113	32.2	24.8	S	6			0	1	2 st	SW	Clear		C.L.H.	25
26	67.0	28.988	.110	28.878	29.83	36.8	34.3	31	79	.172	37.4	35.1	SW	12			0	2	2 st	W	Cloudy		C.L.H.	26
																		6	cu	W				
27	70.0	28.632	.117	28.515	29.44	38.8	37.2	35	87	.203	33.9	38.2	SW	20			.02	10	2 st	W	Cloudy		C.L.H.	27
28	70.0	28.876	.118	28.758	29.71	18.0	17.0	14	84	.077	33.0	18.0	W	6			.20	1	2 cu	NW	Pt. Cloudy		C.L.H.	28
																		3	cu					
29	70.5	29.082	.119	28.963	29.93	7.0	6.4	4	85	.047	15.1	7.0	W	16			T	1	2 st	W	Clear		C.L.H.	29
30	73.0	29.326	.126	29.200	30.20	-0.2	-0.4	-1	93	.036	4.1	-0.2	SW	12			0	Few	2 st	W	Clear		C.L.H.	30
31																								31
Sums		(a)	(a)	874.729	903.18	9738	9403	891	2657	5340	(a)	(a)	(a)	226	(a)	(a)	0.62	181	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.158	30.106	32.5	31.3	29.7	.886	.178	(a)	(a)	(c) SW + W	7.5	(a)	(a)	(a)	6.0	U 2 st L st	U W L W	(a)		(c)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of NOV 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.292	.121	29.171	30.10	47.8	46.3	45	90	.298	55.2	47.8	W	8			0.71	10	st	W	Cloudy				1
2	69.0	29.254	.116	29.138	30.08	49.1	42.9	36	60	.211	52.0	41.6	S	5			0	2 3	2cu stcu	SW SW	Pt. Cldy				2
3	62.5	29.223	.098	29.125	30.06	49.6	45.8	42	75	.266	54.0	40.7	W	9			0	10	stcu	NW	Cloudy				3
4	64.0	29.435	.103	29.332	30.28	38.9	36.1	32	78	.180	41.3	34.9	W	7			T	10	stcu	W	Cloudy				4
5	63.5	29.247	.101	29.146	30.10	41.1	36.7	31	60	.172	46.8	29.9	SW	11			0	3	cist	SW	Clear				5
6	66.0	29.367	.108	29.259	30.21	39.2	35.3	30	69	.164	49.1	34.0	NW	7			0	3	cist	W	Clear				6
7	72.0	29.567	.125	29.442	30.40	40.0	35.2	28	62	.150	44.7	32.6	NE	7			0	7	cist	W	Pt Cloudy				7
8	73.5	29.582	.129	29.453	30.41	41.3	36.0	29	60	.157	45.9	31.0	NE	4			0	3	cist	NW	Clear				8
9	72.0	29.507	.125	29.382	30.33	47.2	40.0	31	52	.172	53.0	32.8	S	5			0	0	0	0	Clear				9
10	68.5	28.986	.114	28.872	29.80	53.8	52.8	52	94	.387	53.8	40.2	SW	6			0.86	10	st	SW	Cloudy				10
11	71.0	29.224	.121	29.103	30.04	46.8	43.9	41	80	.256	51.1	41.1	NE	4			0	3	stcu	W	Clear	B 5:10a E 9:20a B 10:40a			11
12	73.0	29.156	.126	29.030	29.97	46.9	46.2	46	95	.310	48.8	40.0	E	10			.20	10	stcu	SW	Cloudy				12
13	74.0	29.257	.129	29.128	30.07	46.6	44.2	42	83	.266	47.2	45.8	N	12			T	10	stcu	N	Cloudy	B 6:10a E 8:20a			13
14	72.5	29.096	.124	28.972	29.91	45.3	45.0	45	98	.298	47.1	43.7	NW	7			.14	10 10	st	NW	Cloudy	B 7:05a E 7:15a B 7:45a E 8:00a	B 7:15a E 8:00a		14
15	71.5	29.441	.123	29.318	30.27	42.0	38.2	33	71	.187	49.1	37.6	NW	9			0	8	2cu	W	Cloudy				15
16	72.5	29.297	.125	29.172	30.11	44.8	41.8	39	79	.237	47.8	35.2	E	3			.01	10	stcu	W	Cloudy				16
17	70.0	29.072	.118	28.954	29.88	43.0	42.8	43	98	.277	46.4	42.5	NE	6			T	10	st	NE	Lt. Rain				17
18	74.0	28.861	.127	28.734	29.66	41.9	40.4	39	88	.237	42.9	40.6	SW	9			.08	10	st	SW	Lt. Rain	B 7:05a E 10:00a			18
19	73.0	29.338	.126	29.212	30.15	34.9	33.2	30	84	.164	40.2	34.9	W	6			T	10	stcu	NW	Cloudy				19
20	73.0	29.494	.127	29.367	30.33	29.2	27.0	23	76	.118	36.1	29.2	W	10			T	10	stcu	W	Cloudy				20
21	75.0	29.729	.134	29.595	30.58	22.2	20.8	18	81	.093	27.1	21.7	W	5			0	6	cu	W	Pt Cloudy				21
22	78.0	29.581	.141	29.440	30.41	24.9	21.8	14	61	.077	27.2	13.9	S	3			0	3	cu	S	Clear				22
23	76.0	29.289	.134	29.155	30.12	32.6	28.1	21	56	.108	35.3	19.6	SW	8			0	10	cist	W	Cloudy				23
24	66.0	29.208	.108	29.100	30.06	28.0	24.0	15	55	.081	31.4	22.2	SW	10			0	Few	cist	NW	Clear				24
25	71.0	29.133	.121	29.012	29.96	36.8	32.6	26	64	.136	46.0	24.6	S	17			0	1	cist.	W	Clear				25
26	72.0	28.828	.122	28.706	29.64	43.9	39.8	35	70	.203	50.9	36.8	SW	18			0	1	cist	W	Clear				26
27	73.0	28.601	.123	28.478	29.41	33.0	33.0	33	100	.187	42.8	33.0	NW	10			T	10	stcu	NW	Lt. Snow				27
28	70.0	28.923	.118	28.805	29.76	15.1	13.2	7	67	.054	19.7	15.1	W	4			T	4	stcu	W	Pt Cloudy				28
29	70.0	29.273	.119	29.154	30.14	4.1	2.9	-4	67	.031	9.2	4.1	W	8			0	1	cu	NW	Clear				29
30	72.0	29.421	.125	29.296	30.29	11.0	9.8	5	75	.049	14.9	-0.2	SW	10			0	0	0	0	Clear				30
31																									31
Sums	(a)	(a)		8740.51	902.53	1121.0	1035.8	907	2254	5.526	(a)	(a)	(a)	243	(a)	(a)	2.00	188	(a)	(a)	(a)	4	1	(a)	(a)
Means	(a)	(a)		29.135	30.084	37.4	34.5	30.2	75.1	.184	(a)	(a)	(c) W	8.1	(a)	(a)	(a)	6.3	U: cist L: stcu	U: W L: W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1929, 192

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Friday 1	65	46	19	6	56				R	Cont	5:35p										.78	.08	+70	+70	0	0	0	0	1
2	53	42	11	8	48																0	.08	-.08	+.62	0	0	0	0	2
3	54	40	14	0	47																0	.09	-.09	+.53	0	0	0	0	3
4	44	35	9	9	40				R	1:50p	2:00p	S M	2:45p	4:00p	R	5:50p	6:00p				T	.09	-.09	+.44	0	T	0	T	4
5	47	29	18	1	38				R	DNa	DNa										T	.10	-10	+34	0	0	0	0	5
6	49	34	15	4	42																0	.10	-.10	+24	0	0	0	0	6
7	45	32	13	4	38																0	.10	-.10	+.14	0	0	0	0	7
8	46	31	15	0	38																0	.10	-10	+04	0	0	0	0	8
9	53	33	20	5	43																0	.10	-10	-06	0	0	0	0	9
10	54	38	16	3	46				R	8:10a	1:50p	R	2:45p	3:10p	R	7:10p	8:20p				.89	.10	+79	+73	0	0	0	0	10
11	51	41	10	0	46																0	.10	-10	+63	0	0	0	0	11
12	49	39	10	2	44				R	10:35a	10:45a	R	11:40a	5:15p	R	8:00p	9:45p				.22	.09	+13	+76	0	0	0	0	12
13	47	46	1	2	46				R	5:40a	7:30a										T	.10	-10	+66	0	0	0	0	13
14	47	44	3	0	46				R	DNa	10:45a	R	11:30p	11:40p							.16	.09	+07	+73	0	0	0	0	14
15	49	37	12	3	43																0	.10	-10	+63	0	0	0	0	15
16	48	33	15	3	40				R	3:40p	6:30p										.01	.10	-09	+54	0	0	0	0	16
17	46	42	4	4	44				R	DNa	DNa	R	8:45a	9:00a	R	5:30p	10:00p				T	.11	-11	+43	0	0	0	0	17
18	43	38	5	4	40				R	DNa	10:30p										.29	.10	+19	+62	0	0	0	0	18
19	40	33	7	4	36				R	5:10a	6:40a	S M	11:05a	11:15a							.04	.10	-06	+56	0	T	0	T	19
20	36	26	10	5	31				S M	DNa	DNa	S M	12:15p	4:45p							T	.10	-10	+46	0	T	T	T	20
21	29	19	10	7	24																0	.09	-.09	+37	0	0	0	0	21
22	27	14	13	4	20																0	.09	-.09	+.28	0	0	0	0	22
23	35	20	15	8	28				S M	10:50p	DNp										T	.09	-.09	+.19	0	0	0	T	23
24	32	22	10	1	27																0	.09	-.09	+.10	0	T	0	0	24
25	46	25	21	9	36																0	.09	-.09	+.01	0	0	0	0	25
26	51	35	16	7	43																0	.09	-.09	-.08	0	0	0	0	26
27	43	27	16	8	35				R	DNa	DNa	R	5:50a	6:20a	S M	5:50p	Cont				.08	.10	-02	-10	0	T	T	.06	27
28	27	14	13	15	20				S M	Cont	DNa	S D	7:50a	8:15a	S D	11:30p	Cont				.14	.11	+03	-07	0	2.2	1.4	.14	28
29	14	2	12	12	8				S D	Cont	12:30a										T	.10	-10	-17	0	T	1.3	T	29
30	15	0	15	0	8																0	.10	-10	-27	0	0	1.1	0	30
31																													31
S	1285	917	368	138	1101		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.61	2.88	Total excess or deficiency since Jan. 1,		0	2.2	(a)	(a)	(a)
M	42.8	30.6	12.3	4.6	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+2.81		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF NOV 1929, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.158	29.135	29.146	x 29.630	21	x 28.450	27	1.180	30.106	30.084	30.095	x 30.61	21	x 29.37	27	1.24
Corrected mean		29.139						Corrected mean		30.088	x From barograph trace				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
32.5	37.4	35.0	31.3	34.5	32.9	42.8	30.6	36.7	65	1	0	30	65	21	25	1	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
29.7	30.2	30.0	88.6	75.1	81.8	.178	.184	.181	6	0	12	1

Clouds.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6227	8.6	W	25	SW	26	2	7	3	2	9	16	17	4	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.0	6.3	6.4	43%	8	9	13	0	1	8

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	None	None	23	0	11-13-14 18-	14	4-5-6 —	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.61	0.89	10	—	—	—	—	—	—	7	9	8	3	0	16	7	2	2.2	1.1

(w) Maximum precipitation in 5 minutes # 0.07, date 10"; 10 minutes 0.10, date 10"; 15 minutes 0.16, date 10"

30 minutes 0.35, date 10"; 1 hour 0.41, date 10"; 2 hours 0.63, date 10"

Tipping bucket removed Nov 20 - 6:44 pm

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								# None												

* The duration is the time precipitation was actually recorded.

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Prepared by E.L.H.

E. L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1899, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
10	12:40p	11:40p	68.5	29.073	.114	28.958	29.90	42.9	42.4	42	0.9	96	42.9	SE	8			.39	10	st	SW	Lt Rain	Barometer fell .10 in 2 hours	EJ	10
12	12:00N.	11:00a	74.0	29.191	.129	29.062	30.00	47.1	45.4	44	3.1	88	47.1	E	8			0	10	st cu	SW	Cloudy	Requested by Chicago	EJ	12
18	2:00p	1:00p	71.0	28.841	.121	28.720	29.65	41.0	40.0	39	2.0	92	42.9	SW	12			.03	10	st	SW	Cloudy	Requested by Chicago	EJ	18
								Extremes of pressure.																	
21	12:00 mid	11:00P				29.630	30.61	19.0															Highest		21
27	5:30P	4:30P				28.450	29.37	40.0															Lowest		27

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1929, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									38	3			101	17	20	4			159	24
2									46	10	8	2	62	12					116	24
3									14	3	105	14	56	7					175	24
4											28	4	220	20					248	24
5									11	1	252	23							263	24
6	24	5									95	9	47	6	29	4			195	24
7	39	8	98	14	16	2													153	24
8	24	4	93	17	8	3													125	24
9					2	1	33	9	54	10	25	4							114	24
10					7	1	81	11	49	6	32	4	22	2					191	24
11			8	2	26	5					90	14	5	1	6	2			135	24
12	9	1	89	11	95	13													184	24
13	9	1	253	23									22	2					262	24
14	25	5	108	13							7	1	22	2	17	3			179	24
15	5	2									17	2	145	17	22	3			189	24
16					21	7	3	1	51	13	12	3							87	24
17			57	11	54	13													111	24
18	8	2	2	1							134	14	44	6	5	1			193	24
19													173	22	19	2			192	24
20											66	8	171	16					237	24
21													181	20	30	4			211	24
22							16	3	43	10			56	11					115	24
23									113	14	101	10							214	24
24											179	13	119	11					298	24
25									137	11	151	11	13	2					301	24
26											383	24							383	24
27											163	11	128	10	33	3			324	24
28													276	24					276	24
29													315	23	10	1			325	24
30											17	2	186	16	69	6			272	24
31																				
SUM,	134	27	708	92	229	45	133	24	556	81	1865	173	2342	245	260	33	0	0	6227	720
PERCENTAGE,	2	4	11	13	4	6	2	3	9	11	30	24	38	34	4	5	0	0	a	a
AVG. HOURLY VELOCITY,	5.0	a	7.7	a	5.1	a	5.5	a	6.9	a	10.8	a	9.6	a	7.9	a	0	a	8.6	a

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of F 1929, 192

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (h)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.5	29.351	.122	29.229	30.20	18.7	17.0	12	74	.070	18.7	8.9	S	9			T	10	st	S	Cloudy			1
2	71.0	29.192	.121	29.071	30.03	11.8	11.0	9	84	.060	25.8	11.8	SW	12			.04	10	st	NW	Lt. Snow		C.L.H.	2
3	70.8	29.356	.119	29.237	30.21	7.4	6.8	4	85	.047	13.0	7.4	SW	12			T	10	st	W	Lt. Snow		C.L.H.	3
4	71.5	29.336	.122	29.214	30.18	10.8	10.4	9	92	.060	15.0	10.0	SW	10			T	10	st	W	Cloudy		C.L.H.	4
5	74.0	29.160	.129	29.031	29.99	27.2	26.7	26	94	.136	27.8	24.8	SW	10			0	2	2 st	SW	Clear		C.L.H.	5
6	71.0	28.988	.120	28.868	29.81	38.0	35.0	31	75	.172	40.9	36.4	SW	7			0	10	2 st	W	Cloudy		C.L.H.	6
7	73.0	29.040	.125	28.915	29.86	32.0	31.5	31	95	.172	41.9	32.0	SW	2			0	10	Dense Fog	?	Foggy		C.L.H.	7
8	70.0	29.166	.118	29.048	30.00	26.8	25.2	22	81	.113	33.9	26.8	NW	4			T	10	st	NW	Cloudy		C.L.H.	8
9	74.0	29.472	.130	29.342	30.30	28.2	26.7	24	82	.124	30.0	28.2	E	4			0	10	2 c	W	Cloudy		C.L.H.	9
10	74.0	29.472	.130	29.342	30.29	32.2	31.7	31	95	.172	33.8	32.2	N	3			T	10	st	NW	Lt Rain		C.L.H.	10
11	73.0	29.466	.127	29.339	30.29	32.0	30.0	27	79	.143	34.3	32.0	NE	10			T	10	st	NE	Cloudy		C.L.H.	11
12	69.0	29.292	.116	29.176	30.13	30.8	30.6	30	98	.164	30.8	28.8	E	6			0.11	10	D. Fog	S	Foggy		C.L.H.	12
13	70.5	29.260	.120	29.140	30.07	44.8	44.6	44	98	.287	55.2	44.1	SW	3			0.29	10	Nb	SW	Lt. Rain		E.L.H.	13
14	73.5	29.466	.129	29.337	30.28	36.5	36.0	36	95	.211	51.4	36.5	NW	6			T	10	st	NW	Cloudy		C.L.H.	14
15	72.0	29.324	.124	29.200	30.14	34.3	33.9	34	96	.195	38.1	33.8	W	6			T	10	st	W	Misting		C.L.H.	15
16	73.0	29.484	.127	29.357	30.32	30.4	30.2	30	98	.164	34.9	30.4	E	8			T	10	st	E	Misting		C.L.H.	16
17	70.0	29.090	.118	28.972	29.92	36.0	36.0	36	100	.211	36.0	34.1	E	3			1.16	10	Nb	E	Light Rain		C.L.H.	17
18	70.5	29.040	.119	28.921	29.87	27.8	27.6	27	98	.143	35.2	27.8	NE	24			.04	10	st	NE	Lt. Snow		C.L.H.	18
19	74.5	28.920	.129	28.791	29.75	8.4	8.2	7	95	.054	14.9	8.4	NW	12			.10	10	st	NW	Lt. Snow		C.L.H.	19
20	69.0	29.088	.115	28.973	29.94	6.5	6.3	6	95	.052	11.9	6.5	SW	20			.02	3	2 st	SW	Clear		C.L.H.	20
21	72.0	29.570	.125	29.445	30.42	6.0	5.2	1	80	.040	10.1	6.0	SW	8			0	2	2 st	W	Clear		C.L.H.	21
22	74.0	29.650	.131	29.519	30.50	5.5	5.1	4	90	.047	13.3	5.5	S	2			0	3	2 st	W	Clear		C.L.H.	22
23	76.0	29.240	.134	29.106	30.07	20.4	20.0	19	94	.098	20.4	18.9	NW	6			.18	10	st	NW	Lt Snow		C.L.H.	23
24	71.0	29.340	.121	29.219	30.18	15.2	14.8	13	93	.074	22.8	15.1	SW	10			T	2	2 st	W	Clear		C.L.H.	24
25	70.5	29.124	.119	29.005	29.95	27.2	27.0	27	98	.143	31.1	27.2	W	12			.10	10	st	NW	Lt Snow		C.L.H.	25
26	71.0	29.108	.120	28.988	29.95	24.0	22.5	19	81	.098	26.2	22.8	S	6			0	4	2 st	W	Pt Cloudy		C.L.H.	26
27	68.0	29.074	.112	28.962	29.90	35.2	34.2	33	91	.187	41.4	34.0	SW	12			0	7 3	2 st st	W W	Cloudy		C.L.H.	27
28	72.0	29.222	.124	29.098	30.05	30.2	28.7	26	84	.136	34.2	30.2	SW	6			0	10	st	W	Cloudy		C.L.H.	28
29	69.5	29.109	.116	28.993	29.94	29.0	27.8	26	87	.136	31.8	29.0	W	14			.07	10	st	W	Cloudy		C.L.H.	29
30	69.0	28.924	.115	28.809	29.75	31.6	30.4	29	88	.157	37.4	31.6	SW	10			0	1 3	Ci cu 2 st	W NW	Pt Cloudy		C.L.H.	30
31	70.0	29.126	.118	29.008	29.95	32.6	31.6	31	90	.172	42.9	32.0	SW	2			0	6	Cu St	SW	Pt. Cldy		E.L.H.	31
Sums		(a)	(a)	902.655	932.24	777.5	752.7	704	2785	4.038	(a)	(a)	(a)	259	(a)	(a)	2.11	236	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.118	30.072	25.1	24.3	22.7	89.8	.130	(a)	(a)	(c) SW	8.4	(a)	(a)	(a)	7.6	U 9 St L 8 St	UW LNW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of Dec 1929, 192

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.20 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.151	.121	29.030	29.99	25.1	24.0	22	86	.113	26.0	18.7	S	12			.03	10	st	S	Lt. Snow				1
2	72.0	29.301	.124	29.177	30.15	13.0	12.1	10	83	.063	13.6	11.2	W	10			.01	10	st	W	Cloudy				2
3	71.5	29.311	.122	29.189	30.16	10.9	10.0	6	81	.052	4.8	5.2	SW	10			T	7	2cu	N	Pt Cloudy				3
4	71.5	29.134	.121	29.012	29.97	25.0	23.0	19	75	.098	25.0	10.8	SW	14			T	2cu	ci	W	Clear				4
5	74.0	29.091	.128	28.963	29.91	40.9	36.9	32	69	.180	47.1	26.8	SW	7			0	1	ci	W	Clear				5
6	73.5	28.998	.127	28.871	29.81	41.9	38.1	33	71	.187	49.6	38.0	SW	7			0	4 3	ci cist	W W	Pt Cloudy				6
7	75.0	28.884	.130	28.754	29.69	33.9	33.4	33	95	.187	34.4	32.0	NW	5			.44	10	st	NW	Lt Rain	7.45 9 E10.00 9	B5.20 9 E7.45 9		7
8	73.0	29.326	.126	29.200	30.15	30.0	28.0	25	78	.130	33.0	26.8	SW	6			T	4 6	2st st	W W	Cloudy				8
9	76.0	29.462	.135	29.327	30.29	33.8	32.1	29	84	.157	35.6	28.0	E	3			0	10	stcu	E	Cloudy	B7.05 9	B7.40 9		9
10	76.0	29.441	.135	29.306	30.26	34.3	33.8	33	95	.187	36.9	32.1	N	5			T	10	st	NW	Cloudy	E7.40 9 B8.50 9 E11.00 9	E8.50 9		10
11	73.5	29.467	.129	29.338	30.30	30.6	29.3	27	86	.143	32.1	29.9	E	13			T	10	st	E	Cloudy				11
12	73.5	29.222	.126	29.096	30.04	50.9	50.9	51	100	.373	50.9	30.8	S	5			0.10	10	Dfog	?	Foggy		B.D.N.9. Cont.		12
13	72.5	29.278	.125	29.153	30.08	51.4	50.9	50	97	.360	58.8	44.8	W	4			0.10	10	st	W	Cloudy	B7.30 9 E1.00 9	Cont. E7.30 9		13
14	75.0	29.393	.133	29.260	30.21	38.0	37.5	37	96	.219	38.0	34.1	SW	10			T	10	st	SW	Cloudy				14
15	75.0	29.436	.133	29.303	30.25	34.9	34.7	34	98	.195	35.6	34.2	NE	5			T	10	st	E	Misting				15
16	74.0	29.319	.129	29.190	30.14	34.1	33.8	34	97	.195	34.8	30.2	E	8			T	10	st	E	Lt. Rain				16
17	72.0	29.064	.123	28.941	29.89	35.2	35.0	35	98	.203	42.1	35.2	N	7			.10	10	st	N	Cloudy	B7.05 9 E7.30 9 B11.00 9 E11.00 9	B7.30 9 E11.00 9		17
18	74.0	28.960	.128	28.832	29.78	14.8	14.7	14	96	.077	27.8	14.9	N	16			.29	10	st	N	Lt Snow				18
19	76.0	28.931	.133	28.798	29.76	8.9	8.7	8	95	.057	11.6	7.4	SW	6			.03	10	st	W	Lt Snow				19
20	68.5	29.292	.115	29.177	30.15	9.2	8.7	7	89	.054	10.9	6.0	SW	16			.03	10	st	SW	Cloudy				20
21	76.5	29.716	.138	29.578	30.57	13.3	12.7	11	88	.066	18.2	5.4	SW	10			0	3	ci	W	Clear				21
22	70.5	29.506	.121	29.385	30.36	18.9	17.4	13	76	.074	18.9	4.6	NE	6			0	10	st	W	Cloudy				22
23	74.0	29.263	.129	29.134	30.09	22.8	22.2	21	92	.108	25.0	20.1	W	6			T	10	st	W	Cloudy				23
24	78.0	29.142	.139	29.003	29.96	29.9	27.8	24	77	.124	29.9	12.8	S	15			0	10	st	SW	Cloudy				24
25	69.5	29.238	.117	29.121	30.08	26.2	25.7	25	94	.130	27.8	24.9	SW	11			T	10	st	W	Cloudy				25
26	70.0	28.914	.118	28.796	29.74	41.4	37.9	33	73	.187	42.2	24.0	SW	15			0	5 2	cist cicu	SW SW	Pt Cloudy				26
27	72.0	29.222	.124	29.098	30.05	34.2	33.7	33	95	.187	38.5	34.2	SW	6			T	10	st	SW	Cloudy				27
28	73.0	29.064	.115	28.949	29.90	30.9	30.7	30	98	.164	34.4	30.2	SW	10			.03	10	st	SW	Lt Snow				28
29	72.0	28.917	.123	28.794	29.73	32.2	30.8	29	86	.157	32.2	28.4	SW	15			0	10	stcu	SW	Cloudy				29
30	72.0	28.812	.122	28.690	29.63	42.9	38.2	32	65	.180	43.9	29.8	SW	14			0	2	acu	W	Clear				30
31	74.5	29.068	.129	28.939	29.89	39.2	37.2	34	84	.195	43.1	32.2	E	5			0	4 3	cicu acu	NW NW	Pt Cloudy	B7.20 9 E8.30 9			31
Sums	(a)	(a)	(a)	901.404	930.98	928.8	889.9	824	2697	4802	(a)	(a)	(a)	282	(a)	(a)	1.16	254	(a)	(a)	(a)	5	5	(a)	(a)
Means	(a)	(a)	(a)	29.078	30.032	30.0	28.7	26.6	87.0	.155	(a)	(a)	(c) SW	9.1	(a)	(a)	(a)	8.2	U ci L St	U W L N	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

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ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of [illegible] 1929, 192

Date.	Temperature: Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Sunday 1	26	9	17	10	18				S D	DNa	6:20a	S D	6:55a	10:30p							.05	.09	-.04	-.04	0	1.2	2.2	.05	1
2	26	11	15	0	18				S D	DNa	DNa	S D	10:30a	6:30p	S D	7:15p	8:30p				.03	.10	-.07	-.11	0	0.9	2.8	.03	2
3	15	5	10	8	10				S D	7:10a	8:30a										T	.09	-.09	-.20	0	T	2.6	T	3
4	27	10	17	8	18				S D	6:30a	6:40a	S D	7:10a	7:25a	S D	9:00a	10:40a				T	.09	-.09	-.29	0	T	2.4	T	4
5	47	27	20	19	37																0	.09	-.09	-.38	0	0	1.5	0	5
6	50	36	14	6	43																0	.10	-.10	-.48	0	0	T	0	6
7	36	31	5	9	34				R	10:48a	8:00p										.44	.09	+.35	-.13	0	0	T	0	7
8	33	27	6	4	30				S D	10:50a	10:55a	S M	2:10p	2:50p							T	.09	-.09	-.22	0	T	T	T	8
9	36	28	8	2	32																0	.08	-.08	-.30	0	0	T	0	9
10	37	32	5	2	34				R	DNa	7:40a	R	6:10p	6:20p	R	8:15p	8:30p				T	.08	-.08	-.38	0	0	0	0	10
11	34	30	4	2	32				R	6:15p	6:25p	R	8:15p	Cont							.04	.08	-.04	-.42	0	0	0	0	11
12	55	29	26	10	42				R	Cont.	5:50a	R	7:03a	2:30p	R	8:40p	Cont				.27	.08	+.19	-.23	0	0	0	0	12
13	59	42	17	8	50				R	Cont	DNa	R	5:40a	10:20a	R	11:20a	11:50a	R	2:25p	4:30p	.29	.08	+.21	-.02	0	0	0	0	13
14	42	34	8	12	38				R	DNa	DNa	R	9:30a	9:45a							T	.08	-.08	-.10	0	0	0	0	14
15	37	34	3	2	36				R	6:30a	7:30a	R	5:00p	7:30p							T	.08	-.08	-.18	0	0	0	0	15
16	35	30	5	4	32				R	6:30a	10:30a	R	6:40p	Cont.							.45	.08	+.37	+.19	0	0	0	0	16
17	42	32	10	5	37				R	Cont.	10:50a	R	1:05p	Cont							.83	.08	+.75	+.94	0	0	0	0	17
18	32	11	21	15	22				R	Cont.	6:10a	S M	6:10a	Cont							.35	.08	+.27	+1.21	0	5.2	5.0	.33	18
19	12	7	5	12	10				S M	Cont	Cont										.10	.08	+.02	+1.23	0	2.2	7.1	.10	19
20	12	6	6	1	9				S M	Cont	DNa	S D	12:30p	1:45p							.04	.08	-.04	+1.19	0	0.6	7.6	.04	20
21	18	5	13	3	12																0	.08	-.08	+1.11	0	0	7.5	0	21
22	20	5	15	0	12				S D	8:10p	Cont										.06	.08	-.02	+1.09	0	0	7.5	.06	22
23	25	20	5	10	22				S D	Cont	10:40a	S D	7:20p	7:40p							.12	.08	+.04	+1.13	0	2.5	9.8	.12	23
24	30	13	17	0	22																0	.08	-.08	+1.05	0	T	9.7	0	24
25	31	25	6	6	28				S M	12:40a	1:30p										.10	.08	+.02	+1.07	0	1.2	10.9	.10	25
26	42	23	19	4	32																0	.08	-.08	+.99	0	0	7.0	0	26
27	39	33	6	4	36				R	1:40p	2:00p										T	.08	-.08	+.91	0	0	5.2	0	27
28	34	30	4	4	32				S M	4:45p	10:00p										.10	.08	+.02	+.93	0	0.4	5.6	.10	28
29	37	28	9	0	32																0	.08	-.08	+.85	0	0.7	6.0	0	29
30	44	30	14	5	37																0	.08	-.08	+.77	0	0	5.2	0	30
31	48	32	11	1	38																0	.08	-.08	+.69	0	0	4.5	0	31
S	1061	715	346	188	887		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.27	2.58	Total excess or deficiency since Jan. 1,		0	14.9	(a)	(a)	(a)
M	34.2	23.1	11.2	5.7	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+3.50		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

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SUMMARY FOR THE MONTH OF Dec 1909, 192

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.118	29.078	29.098	29.590	21	28.640	30	0.950	30.072	30.032	30.052	30.58	21	29.57	30	1.01
Corrected mean		29.092						Corrected mean		30.046					

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
25.1	30.0	27.6	24.3	28.7	26.5	34.2	23.1	28.6	59	13	5	22	54	26	12	3	15

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
22.7	26.6	24.6	89.8	87.0	88.4	.130	.155	.142	12	0	25	0

CLOUDS.

Most frequent clouds: St. 1

Most frequent direction upper clouds: WEST

Most frequent direction lower clouds: WEST

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6932	9.3	SW	29	SW	20	4	4	8	0	6	29	6	5	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.6	8.2	8.8	24%	3	2	26	0	0	15

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	13	—	24	0	13, 17, 31 7, 10	7, 10, 12 13, 17	—	—	—	—	—	—

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.27	1.26	16, 17	—	—	—	—	—	—	7	15	14	6	0	22	12	9	14.9	4.5

#(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Tipping bucket not in use except Dec 13, 8:25 a to 6:45 pm.

* The duration is the time precipitation was actually recorded.

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Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1929, 192

Number of Station barometer, ; sum of corrections, inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extreme of pressure																	
21		9:30P				29.59	30.58	12.0															Highest		21
30		5:00P				28.64	29.57	43.0															Lowest		30

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1929, 192

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									271	23	12	1							283	24
2											59	5	212	19					271	24
3											180	16	80	8					260	24
4											288	24							288	24
5									8	1	261	23							269	24
6									39	5	173	19							212	24
7	5	1	40	5	24	4					27	7	47	5	10	2			153	24
8											104	14	67	8	12	2			183	24
9					60	13	14	4	3	1	17	5	2	1					96	24
10	21	6	18	4	11	2	10	3	8	2	15	4	6	2	2	1			91	24
11			250	19	60	5													310	24
12					96	16	4	2	12	2	36	4							148	24
13											115	13	60	10	2	1			177	24
14	12	4					4	1	13	2	61	7	6	1	48	9			144	24
15	10	2	29	4	14	2					35	4	31	4	32	8			151	24
16			9	1	175	23													184	24
17	61	9	25	4	27	8									17	3			130	24
18	238	14	179	10															417	24
19	81	6									57	6	46	5	90	7			274	24
20											432	23	19	1					451	24
21											214	23	10	1					224	24
22	24	4	76	10	6	1					25	6	2	1	6	2			139	24
23	31	6									46	6	65	9	16	3			158	24
24									170	14	94	10							264	24
25											151	16	74	8					225	24
26									197	16	121	8							318	24
27											152	19	36	5					188	24
28									32	3	147	17	42	4					221	24
29									12	1	112	8	156	15					280	24
30											184	14	104	10					288	24
31					30	6	47	7	11	2	25	6	22	3					135	24
SUM,	483	52	626	57	503	80	79	17	776	72	3143	308	1087	120	235	38	0	0	6932	744
PERCENTAGE,	7	7	9	8	8	11	1	2	11	10	45	41	16	16	3	5	0	0	a	a
AVG. HOURLY VELOCITY,	9.3	a	11.0	a	6.3	a	4.6	a	10.8	a	10.2	a	9.1	a	6.2	a	0	a	9.3	a

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

192 9

STATION

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 192

Street, Corner Calhoun & Berry

Number, Tri-State Bldg.

Room, 911-12

SUM OF BAROMETER CORRECTIONS.

From 8 a *m.* Jan 1 *to* 8 p *m.* Dec 31, *inc.,* -.009 *in.*

From ..... *m.* ..... *to* ..... *m.* ....., *inc.,* ..... *in.*

From ..... *m.* ..... *to* ..... *m.* ....., *inc.,* ..... *in.*

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NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind, Upper.	Clouds. Most Frequent Kind, Lower.	Clouds. Most Frequent Direction of Upper.	Clouds. Most Frequent Direction of Lower.
Jan.,	23.0	21.2	17	75	.103	7.1	ci ci st a st	st st cu	W	W
Feb.,	26.3	24.0	19	74	.109	7.6	ci st	st	SW W	SW
Mar.,	47.5	42.4	36	67	.238	7.2	ci st	cu	SW	W
Apr.,	56.4	48.6	41	59	.277	6.8	ci ci st	cu	W	W
May,	61.8	54.1	48	62	.364	6.3	ci ci st	cu	SW	W
June,	73.1	62.4	56	57	.459	6.9	ci	cu	W	NW
July,	80.3	66.6	58	50	.519	4.4	ci	cu	W	W
Aug.,	75.6	62.9	55	50	.443	5.2	ci st	cu	NW	W, NW
Sept.,	69.8	60.4	54	59	.447	5.6	a cu a st	cu	SW	N
Oct.,	55.6	48.8	42	64	.279	6.2	ci st	cu	NW	NW
Nov.,	39.7	36.2	31	72	.190	6.7	a cu ci st	st cu	W	NW
Dec.,	29.7	28.1	25	84	.147	8.5	ci st	st	W	W
Sum,	638.8	555.7	482	773	3.575	78.5	a	a	a	a
Mean,	53.2	46.3	40	64	.298	6.5	ci st	cu	W	W

(d) To tenths. (e) To whole numbers. (c) To thousandths.

ANNUAL METEOROLOGICAL SUMMARY FOR 1929.—STATION Fort Wayne, Ind.

Latitude N. 41° 5' Longitude W. 85° 10' Local time 0 h. 41 min. (t) slower than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea Level, 856 Feet. Mean. 8 a. m. (c)	8 p. m. (c)	Corrected monthly. (c)	Highest observed. (c)	Date.	Lowest observed. (c)	Date.	Absolute range. (c)	CORRECTED MONTHLY SEA-LEVEL PRESSURE. (c)	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 11.3 Feet. Mean. 8 a. m. (d)	8 p. m. (d)	From Self-Registering Instruments. Mean. Max. (d)	Min. (d)	Monthly. (d)	Highest. (e)	Date.	Lowest. (e)	Date.	Range. Absolute. (e)	Mean daily. (d)	Mean daily change. (d)
	In.	In.	In.	In.		In.		In.	In.	°	°	°	°	°	°		°		°	°	°
Jan.,	29.126	29.106	29.111	29.620	4	28.330	18	1.290	30.073	18.3	~~19.0~~ 24.1	30.1	12.8	21.4	54	18	-5	14	59	17.3	8.2
Feb.,	29.170	29.150	29.155	29.630	2	28.630	26	1.000	30.118	18.8	25.9	30.5	15.7	23.1	51	26	-2	20	53	14.9	6.0
Mar.,	29.020	28.988	28.999	29.640	9	28.200	6	1.440	29.935	38.8	46.4	53.3	35.7	44.5	75	25	12	7	63	17.6	7.2
Apr.,	29.001	28.979	28.985	29.377	2	28.300	25	1.077	29.913	46.4	54.6	61.6	42.8	52.2	83	6	30	2	53	18.9	5.5
May,	29.148	29.117	29.127	29.580	10	28.300	2	1.280	30.055	52.8	60.5	66.7	48.1	57.4	89	29	34	3	55	18.6	5.0
June,	29.072	29.042	29.053	29.255	9	28.690	28	0.565	29.967	62.4	70.8	76.8	56.9	66.8	89	18	38	3	51	19.9	4.2
July,	29.151	29.102	29.123	29.400	20	28.850	4	0.550	30.035	68.4	77.9	84.3	63.8	74.0	94	28	50	20	44	20.5	3.3
Aug.,	29.155	29.105	29.126	29.385	20	28.697	13	0.688	30.042	63.2	73.4	79.0	59.6	69.3	88	22	49	16	39	19.4	4.4
Sept.,	29.186	29.145	29.161	29.450	22	28.820	13	0.630	30.083	57.1	66.2	73.2	54.5	63.8	90	3	38	19	52	18.7	4.7
Oct.,	29.136	29.112	29.118	29.602	10	28.410	23	1.192	30.051	45.5	52.6	58.6	42.3	50.4	75	19	32	23	43	16.3	5.2
Nov.,	29.158	29.135	29.139	29.630	21	28.450	27	1.180	30.088	32.5	37.4	42.8	30.6	36.7	65	1	0	30	65	12.3	4.6
Dec.,	29.118	29.078	29.092	29.590	2	28.640	38	0.950	30.046	25.1	30.0	34.2	23.1	28.6	58	13	5	22	54	11.2	5.7
Sum,	349.441	349.059	349.189	Highest.	Date.	Lowest.	Date.	Absolute range for year.	360.406	529.3	~~617~~ 619.8	691.1	465.9	588.2	Max.	Date.	Min.	Date.	Absolute range for year.	205.6	64.0
Mean,	29.120	29.088	29.099	29.640	March 9	28.200	Mar. 6	1.440	30.034	44.1	51.6	57.6	40.5	49.0	94	July 28	-5	Jan. 14	99	17.1	5.3

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

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MONTH.	TEMPERATURE. Number of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.	DEW-POINT. Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	VAPOR PRESSURE. Mean. 8 a. m. (c)	8 p. m. (c)	Monthly. (c)	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 107 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Duration (h. & m.)	Date.	1 inch per hour. (g) Amt.	Duration (h. & m.)	Date.	SNOWFALL (total depth).
				°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	19	0	30	14	19	17	83	80	81	.093	.115	.104	4.23	1.19	17-18							12.1
Feb.,	16	0	25	16	20	18	86	79	82	.094	.116	.105	0.73	0.34	25-26							6.2
Mar.,	1	0	10	33	37	35	80	70	75	.205	.235	.220	3.57	2.12	31-April 1							0.3
Apr.,	0	0	4	39	41	40	76	62	69	.257	.277	.267	4.49	0.69	20							T
May,	0	0	0	46	48	47	78	65	72	.339	.370	.354	4.69	1.02	27-28							T
June,	0	0	0	54	56	55	76	60	68	.441	.463	.452	2.30	0.89	11-12							0
July,	0	7	0	60	61	60	76	58	67	.536	.550	.543	4.95	2.82	4-5	2.82	4:51	4-5	1.63	0.35	4	0
Aug.,	0	0	0	56	57	57	78	58	68	.460	.486	.473	2.62	2.06	2-3							0
Sept.,	0	0	0	53	54	53	86	66	76	.425	.443	.434	2.35	0.90	29							0
Oct.,	0	0	0	40	42	41	83	70	77	.260	.276	.268	3.91	1.38	21-22							1.4
Nov.,	6	0	12	30	30	30	89	75	82	.178	.184	.181	2.61	0.89	10							2.2
Dec.,	12	0	25	23	27	25	90	87	88	.130	.155	.142	3.27	1.26	16-17							14.9
Sum,	54	7	106	464	492	478	981	830	905	3.418	3.670	3.543	39.72	a	a	a	a	a	a	a	a	37.1
Mean,	a	a	a	39	41	40	82	69	75	.285	.306	.295	a	2.82	July 4-5	a	a	a	a	a	a	a

g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

Station Fort Wayne, Ind.

MONTH.	Mean Cloudiness. (0 to 10). 8 a. m. (d)	8 p. m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Elevation of Anemometer Cups Above Ground Dec. 31, 124 Feet. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 33 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	6.7	7.4	7.1	100.1	298.2	34	7218	W	32	W	22	0	4	5	5	3	6	16	19	4	0	5	7	19	16	12	19 ~~22~~	9	0	2	0	0
Feb.,	7.4	7.2	6.9	144.1	298.2	48	4786	SW	29	SW	26	0	6	10	8	2	1	20	7	2	0	1	15	12	9	6	14	7	0	0	0	0
Mar.,	6.8	6.3	6.7	209.4	370.8	56	7255	SW	39	W	7	2	5	4	6	4	8	18	13	4	0	5	10	16	15	14	4	2	0	4	5	0
Apr.,	6.4	7.1	6.5	244.8	399.9	61	7518	SW	40	S	25	2	4	11	4	4	7	12	8	10	0	5	12	13	14	12	2	0	3	1	5	0
May,	5.9	6.8	6.1	299.3	449.0	67	6187	SW	32	NE	2	0	9	11	2	6	8	14	6	6	0	5	15	11	13	11	2	0	1	0	5	0
June,	5.8	5.3	6.1	354.3	452.0	78	5150	SW	31	NW	11	0	6	12	1	1	12	16	3	9	0	4	16	10	10	9	0	0	0	0	8	0
July,	4.1	5.5	4.6	368.3	458.3	80	5129	SW	30	NW	24	0	2	11	4	3	7	21	7	7	0	15	8	8	12	11	0	0	0	0	10	0
Aug.,	4.2	5.0	3.2	299.9	426.9	70	4403	SW	22	NW	13	0	6	7	10	5	6	13	7	8	0	11	13	7	5	4	0	0	0	0	5	0
Sept.,	4.8	5.1	5.1	245.8	374.0	66	4733	NE	23	W	16	0	6	18	8	4	10	6	4	4	0	11	8	11	11	7	0	0	0	4	3	0
Oct.,	5.3	5.9	5.8	180.1	344.1	52	6521	SW	29	SW	23	0	9	7	7	2	6	16	6	9	0	11	6	14	12	10	2	2	0	2	0	0
Nov.,	6.0	6.3	6.4	129.1	297.0	43	6227	W	25	SW	26	0	2	7	3	2	9	16	17	4	0	8	9	13	9	8	7	2	0	1	0	0
Dec.,	7.6	8.2	8.8	68.6	287.3	24	6932	SW	29	SW	20	0	4	4	8	0	6	29	6	5	0	3	2	26	15	14	12	9	0	5	1	0
Sum,	71.0	76.1	75.3	2643.8	4455.7	679	72059	a	a	a	a	4	63	107	66	36	86	197	103	72	0	84	121	160	141	118	2 ~~68~~	31	4	19	42	0
Mean,	5.9	6.3	6.3	220.3	371.3	57	a	SW	40	S	j ~~j~~ ~~j~~ ~~j~~

Standard of normal time in local use, 90 meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	8.9	8.4	8.4	8.6	8.8	9.1	9.1	9.8	10.3	10.5	10.7	10.5	11.2	11.3	11.1	10.5	10.2	9.4	8.9	9.5	9.9	9.3	9.4	9.1	9.7
Feb.,	6.7	6.7	6.7	6.8	6.6	6.4	6.1	6.5	7.0	7.1	7.7	7.9	8.4	8.6	8.4	8.2	7.5	6.6	6.5	7.0	6.9	6.8	7.0	6.9	7.1
Mar.,	8.5	8.2	8.7	8.8	8.7	9.1	9.2	10.3	11.1	11.8	11.9	11.6	11.8	11.9	12.4	11.7	10.6	9.3	8.5	7.9	7.7	7.6	8.0	8.6	9.8
Apr.,	9.0	8.8	8.2	8.3	8.7	8.7	9.7	10.6	11.7	12.3	12.4	12.1	12.7	13.6	13.1	12.9	11.8	10.8	9.5	9.0	9.8	9.3	9.0	8.8	10.4
May,	6.9	7.1	6.7	6.8	6.8	7.4	8.2	9.1	10.0	10.4	10.3	9.8	10.3	10.2	10.7	10.0	9.4	8.6	7.3	6.9	6.7	6.9	6.9	6.2	8.3
June,	5.4	5.3	5.3	5.0	4.7	5.6	5.8	6.6	7.8	8.5	9.3	9.3	9.3	9.7	10.2	9.9	9.4	8.4	6.7	6.0	5.9	6.3	6.0	5.3	7.2
July,	5.8	5.7	5.5	5.8	5.7	5.8	6.2	7.1	7.3	8.1	8.5	8.3	8.9	9.4	9.3	9.1	8.4	7.4	6.2	5.6	5.3	5.7	5.2	5.3	6.9
Aug.,	4.8	5.4	4.6	4.7	4.9	4.9	5.3	5.9	6.8	6.8	7.1	7.6	7.7	8.0	8.2	7.6	6.8	5.8	4.8	5.2	5.1	4.8	4.5	4.8	5.9
Sept.,	4.7	5.2	5.2	4.9	5.3	5.5	5.8	6.4	6.9	7.6	8.3	8.5	8.9	8.8	8.8	8.3	7.5	6.4	6.0	6.1	5.9	5.9	5.5	5.2	6.6
Oct.,	7.8	8.0	7.9	7.9	8.1	7.6	7.6	8.3	9.0	9.7	10.1	10.0	10.6	10.5	10.7	10.0	9.3	7.9	7.8	8.4	8.5	8.0	8.3	8.2	8.8
Nov.,	8.2	8.2	8.0	7.9	7.8	7.6	7.7	8.1	9.0	9.7	10.0	10.4	10.6	10.3	9.8	8.9	8.3	7.8	8.2	8.5	8.3	8.3	7.8	8.2	8.6
Dec.,	9.4	9.2	8.8	8.8	8.1	7.8	8.0	8.1	8.7	9.3	9.7	9.6	10.4	10.3	10.3	10.0	9.6	9.3	9.4	9.9	10.1	10.0	9.4	9.6	9.3
Sum,	86.1	86.2	84.0	84.3	84.2	85.5	88.7	96.8	105.6	111.8	116.0	115.6	120.8	122.6	123.0	117.1	108.8	97.7	89.8	90.0	90.1	88.9	87.0	86.2	98.6
Mean,	7.2	7.2	7.0	7.0	7.0	7.1	7.4	8.1	8.8	9.3	9.7	9.6	10.1	10.2	10.2	9.8	9.1	8.1	7.5	7.5	7.5	7.4	7.2	7.2	8.2

Station Fort Wayne, Ind. **Standard of normal time in local use,** 90 **meridian.**

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTH.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	FOR THE MONTH.
Jan.,																									
Feb.,																									
Mar.,																									
Apr.,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by E. J. Saltsman

Earle L. Hardy
Meteorologist *Weather Bureau.*

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Standard of normal time in local use, 90 meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,	205	31	503	56	603	80	139	17	675	68	1996	167	2520	240	577	85	0	0	7218	744
February,	369	68	617	117	404	75	114	19	249	31	1829	209	988	118	216	35	0	0	4786	672
March,	466	55	278	40	368	48	372	52	1085	102	2698	256	1094	99	894	91	0	1	7255	744
April,	530	62	1409	118	418	57	158	28	757	75	2075	168	1383	122	788	87	0	3	7518	720
May,	689	104	716	84	461	69	273	49	539	74	1722	186	1157	107	630	71	0	0	6187	744
June,	330	70	1014	119	112	28	140	21	848	114	1433	198	663	87	610	80	0	3	5150	720
July,	354	47	673	89	406	82	130	26	536	84	1993	253	599	86	438	76	0	1	5129	744
August,	408	77	577	94	408	102	187	44	660	108	903	135	744	102	516	76	0	6	4403	744
September,	357	67	1097	190	574	118	150	34	1000	123	734	94	626	63	195	31	0	0	4733	720
October,	765	101	738	77	447	60	158	27	712	89	2165	177	776	94	760	116	0	3	6521	744
November,	134	27	708	92	229	45	133	24	556	81	1865	173	2342	245	260	33	0	0	6227	720
December,	483	52	626	57	503	80	79	17	776	72	3143	308	1087	120	235	38	0	0	6932	744
Sum,	5090	761	8956	1133	4933	844	2033	358	8393	1021	22556	2324	13979	1483	6119	819	0	17	72059	8760
Percentage,	7	9	12	13	7	10	3	4	12	12	31	26	19	17	9	9	0	0	100	100
Average hourly velocity,	6.7	a	7.9	a	5.8	a	5.7	a	8.2	a	9.7	a	9.5	a	7.5	a	0	a	8.2	a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	32	32	31	31	31	31	31	30	30	30	29	26	25	25	24	23	22	20	21	22	22	21	19
	SMB 12:15													SME 1:50							SDB 8:15	SDE 9:10		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				.32						.10				.04							T	T		
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	NW	W	W
Wind movement	8	9	11	13	14	11	8	10	14	13	12	11	14	14	13	13	10	6	7	7	7	7	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise:
Sunset: Time, 4:23 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

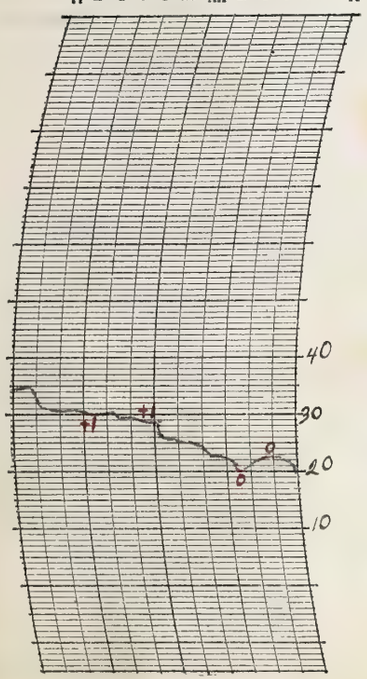
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	19	27	

Total depth of snow for 24 hours ending 7 p. m., 4.6 inches.
Snow, sleet, and hail on ground 7 p. m., 4.0 inches.
Total snowfall, midnight to midnight, 4.6 inches.
Precipitation to 7 a. m., 0.32 ins.; to 7 p. m., 0.14 ins.
Total precipitation, midnight to midnight, 0.46 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 249
Average hourly velocity, 10.4 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 12:36 p.m.
Reduced barometer, 29.71 7 a. m. 30.10 7 p. m.
River gage, 1.5 feet
Relative humidity, 100 7 a. m. 92 7 p. m.

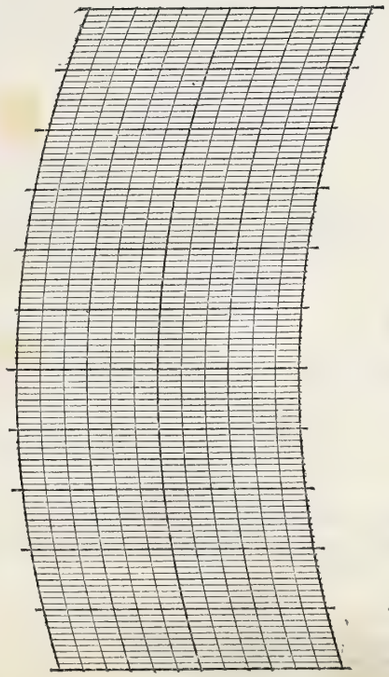
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 29.4 Wet temperature, 29.3
Dew-point, 29 R. humidity, 99 V. pressure, .157
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

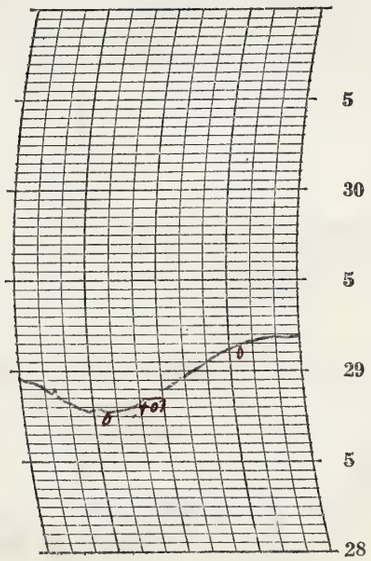
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by C.H.

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NOTES

Total Snowfall to 7:00 a.m. for preceding 12 hours - 3.1 inches. Depth on ground 7:00 a.m - 3.1 inches.

A heavy snow fell during the morning and early afternoon. The streets and roads were covered and during the day it became packed from the traffic, which rendered it slippery and slick. A very light flurry fell in the evening. Temperatures fell during the day while light to moderate winds prevailed and shifted from northeast to west.

Moderate cold wave warning received 8:47 a.m.

Flag hoisted 9:00 a.m. lowered 4:00 p.m.

The streets became slippery at 1:00 a.m. and were very bad all day. The heaviest snowfall occurred from 6:00 a.m. to 8:30 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) W[illegible], (Date) JAN 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	11	10	9	6	3	1	1	4	10	13	16
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Cloudy				Partly Cldy						Clear	→
Sunshine (in tenths of hours)								0.9 0	1.0 0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	6	6	6	7	7	9	9	10	8	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	15	14	13	11	10	10	10	10	11	12	12
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	0.2 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	10	10	10	10	9	8	7	9	8	8	7	7

State of weather.

Sunrise: Time, 7:06 Character, Clear

Moonrise:

Sunset: Time, 4:24 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
19	1	10	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 3.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 9.1 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 98

Prevailing wind direction, SW Total wind, 198

Average hourly velocity, 8.2 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 3:23 p.m.

Reduced barometer, 30.27 7 a. m. 30.41 7 p. m.

River gage, 1.5 feet

Relative humidity, 94 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

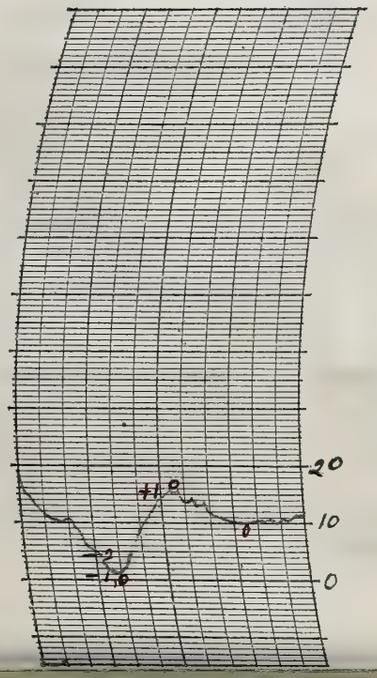
Dry temperature, 15.6 Wet temperature, 14.4

Dew-point, 11 R. humidity, 79 V. pressure, .066

Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

THERMOGRAPH



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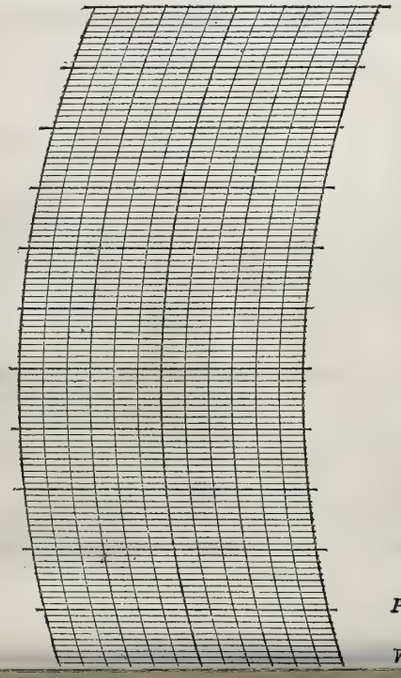
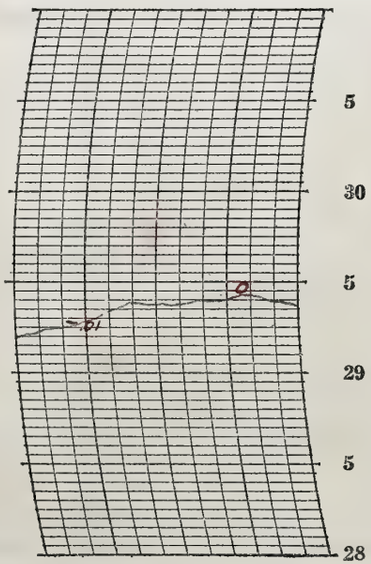


BAROGRAPH.



Prepared by CH

Verified by EJH

NOTES

Total snowfall for 24 hours preceding 7:00 a.m. - 1.5 inches.

The sky became clear during the early part of the morning and continued clear into the evening. Bright sunshine until shortly before sunset when it sank behind a bank of clouds. The stars shone brightly in the evening. A light to gentle southwesterly wind prevailed with temperature way below normal. The snow has formed ice on the streets and is very slippery in spots.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 3 1929, 192

Time (local standard) mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	16	18	20	20	22	22	23	24	25	26	28	31	31	30	30	28	27	27	27	26	26	25	24
State of weather: Nature of precipitation and time of beginning and ending																	S B 4:16 S D E 4:40							
Amounts of precipitation																	T							
Cloudiness and other conditions			←			Part Cloudy X					Cloudy X		Pt Cldy X				Cloudy						→	
Sunrise: Time, 7:06 Character, Cloudy																					Sunset: Time, 4:24 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0	0	0	0	0	0.4	1.0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	NW	NW
Wind movement	11	11	11	10	12	11	12	16	13	12	15	15	16	13	10	11	11	8	8	7	8	7	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	12	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 1.4 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 15
Prevailing wind direction, S Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 21
Maximum velocity, 19 Direction, SW
Time began, 11:30 a.m.
Reduced barometer, 30.27 7 a. m. 30.36 7 p. m.
River gage, 1.2 feet
Relative humidity, 67 7 a. m. 84 7 p. m.

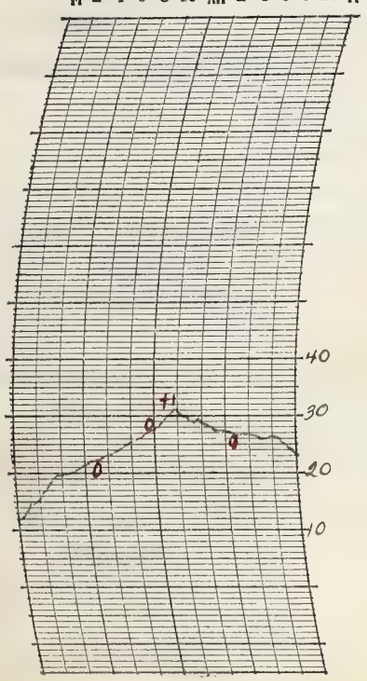
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 28.3 Wet temperature, 25.1
Dew-point, 19 R. humidity, 64 V. pressure, 0.98
Clouds: Amount, 9; Kind, 2 st.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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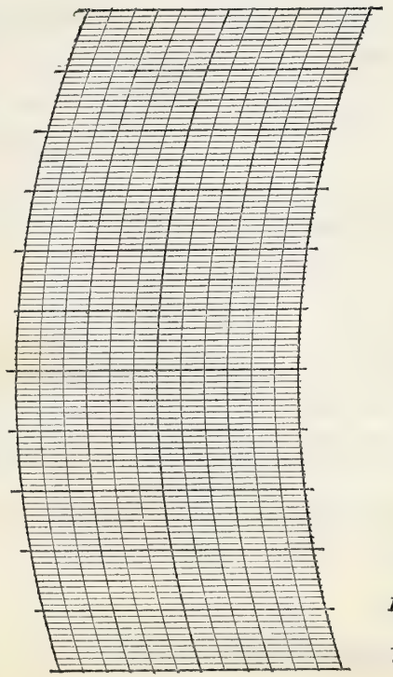

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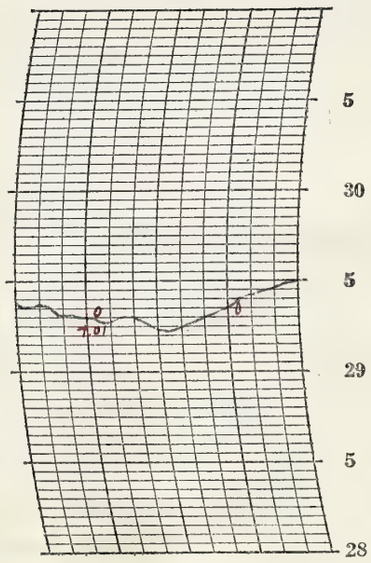


Prepared by C.J.
Verified by E.L.H.

8—486

NOTES

Mostly cloudy day with temperatures high enough to melt snow on side walks. Streets and sidewalks very slippery from 10:00 a.m. to midnight.

Moderate to light southerly winds veering to northwest prevailed during the day. Temperatures remained below normal while the disk of the sun was, as a rule, barely visible except shortly after noon when it became part cloudy. However it soon clouded up. In the late evening cumulus clouds made it possible to see some of the stars intermittently.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 4 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	20	19	18	17	17	14	13	14	19	23	25	27	29	29	29	28	27	26	24	25	26	27	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear		× Part		Cloudy			× Clear		× Pt Cldy		× Cloudy				→			
Sunshine (in tenths of hours)								0.90 0	0.8 0.2	1.0	1.0	1.0	1.0	0.9	0.1	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	5	5	4	3	3	3	3	4	5	7	7	5	7	7	8	8	8	9	10	10	9	8	9	7

Sunrise: Time, 7:06 Character, Clear. Moonrise:

Sunset: Time, 4:26 Character, Cloudy. Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

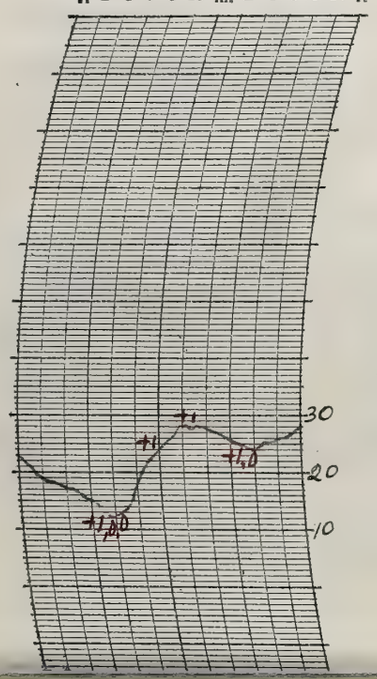
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	13	21	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.9 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 74
Prevailing wind direction, NE Total wind, 154
Average hourly velocity, 6.4 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 7:00 a.m.
Reduced barometer, 30.57 7 a. m. 30.42 7 p. m.
River gage, 1.3 feet
Relative humidity, 89 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 24.9 Wet temperature, 22.4
Dew-point, 17 R. humidity, 69 V. pressure, .089
Clouds: Amount, 7; Kind, Ci; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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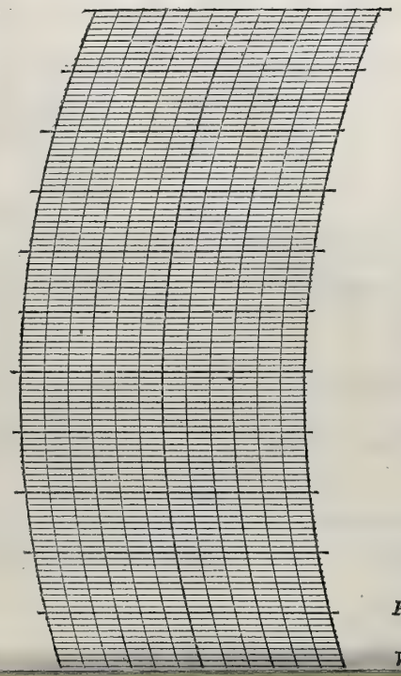
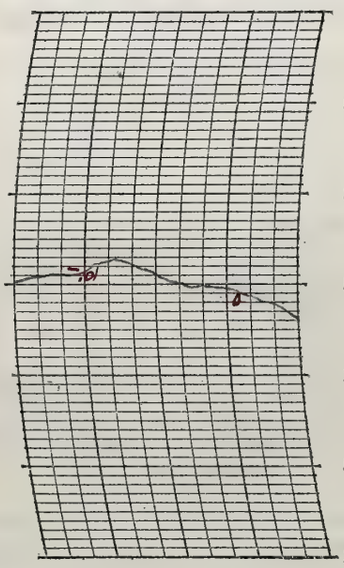


BAROGRAPH.



Prepared by EJ

Verified by E.L.H

NOTES

The sky became clear in the morning but was cloudy again close to sunset. The sun shone through high clouds most of the time. A light to gentle easterly wind prevailed. The streets remain slippery and there is much skidding of automobiles probably due to the icy streets.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sat., (Date) JAN 5 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	29	29	28	31	33	35	37	38	40	38	39	39	42	43	44	44	44	44	40	37	32	28
State of weather: Nature of precipitation and time of beginning and ending												RB 11:15			RE 2:35	RB 3:13	RE 4:05		RB 6:39	RE 7:20				
Amounts of precipitation												.10				.16				T				
Cloudiness and other conditions				Clear	Partly							Cloudy												

Sunrise: Time, 7:06; Character, Cloudy. Moonrise: ____

Sunset: Time, 4:27; Character, Cloudy. Moonset: ____

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	S	S	SE	S	S	SW	SW	SW	W
Wind movement	7	6	6	6	6	6	6	7	7	8	9	9	12	15	15	14	15	14	14	13	17	16	15	17
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

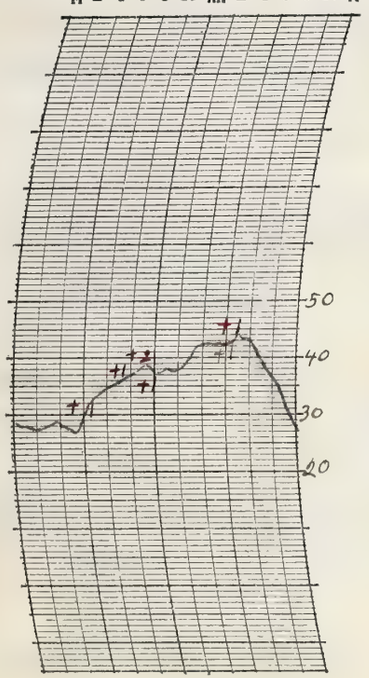
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.26 ins.
Total precipitation, midnight to midnight, 0.26 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 8:26 p.m.
Reduced barometer, 29.95 7 a. m., 29.31 7 p. m.
River gage, 1.3 feet
Relative humidity, 76 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 36.0
Dew-point, 33 R. humidity, 82 V. pressure, .187
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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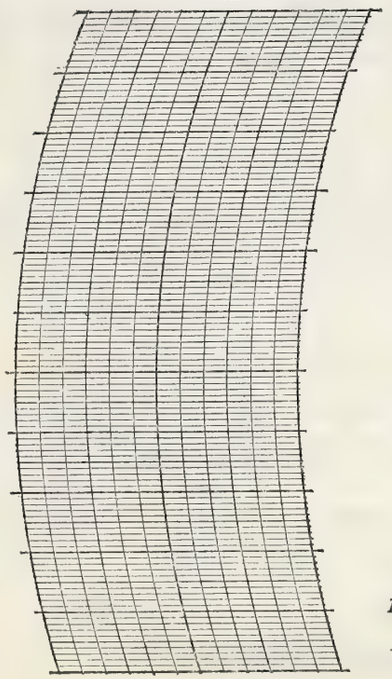

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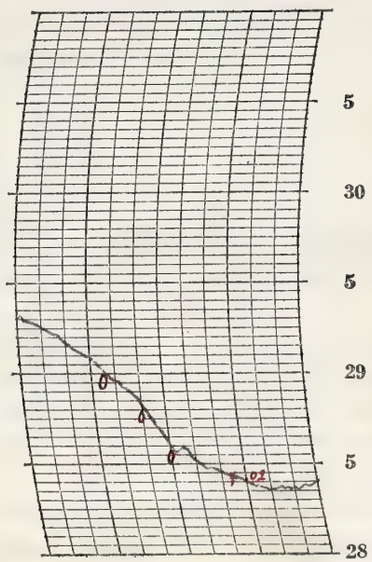


Prepared by CJ

Verified by ____

8—486

NOTES

It was clear in the early morning becoming cloudy before sunrise and continuing overcast throughout the day. The sun was obscured. A light to fresh wind veered from east to southwest during the day. Temperature rose during most of the day but commenced falling an hour or so after the evening observation. The barometer fell very rapidly during the day and two specials were sent to Chicago on account of the pressure change. Rain began shortly before noon and fell during the greater part of the afternoon and into the evening. A large part of the snow was melted and most of the ice on the streets has disappeared.

Cold wave warning received 10:58 a.m. for "cold wave Indiana Sunday"
Cold wave flag hoisted 11:05 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 5 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	23	21	20	18	16	15	10	8	9	10	12
Nature of precipitation and time of beginning and ending				SDB DN2					SDE 8:40			
Amounts of precipitation				T	.02				T			
Cloudiness and other conditions				Cloudy						Pt Cldy	Clear	
Sunshine (in tenths of hours)								0	0.1	0.5	1.0	1.0
Wind direction	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	17	16	17	16	14	16	14	15	16	16	15	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	16	17	19	20	21	22	22	20	16	13
Nature of precipitation and time of beginning and ending								SDB 8:25 SDE 9:00				
Amounts of precipitation								T				
Cloudiness and other conditions			Pt Cldy					Cloudy				
Sunshine (in tenths of hours)	1.0	0.6	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	16	17	18	21	16	16	15	19	20	19	23 (26 W 10:26)	23 (27 W 11:26)

State of weather.

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:28 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

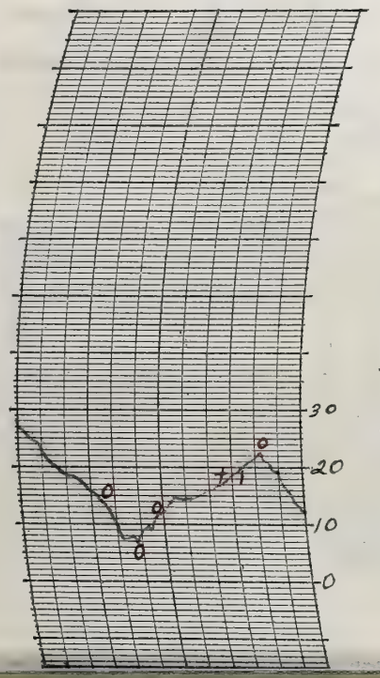
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	7	18	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0.7 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.2 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 45
Prevailing wind direction, SW Total wind, 412
Average hourly velocity, 17.2 Extreme velocity, 32
Maximum velocity, 28 Direction, W
Time began, 10:26 pm
Reduced barometer, 29.66 7 a. m. 29.83 7 p. m.
River gage, 1.7 feet
Relative humidity, 75 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 11.9 Wet temperature, 9.1
Dew-point, -4 R. humidity, 45 V. pressure, .031
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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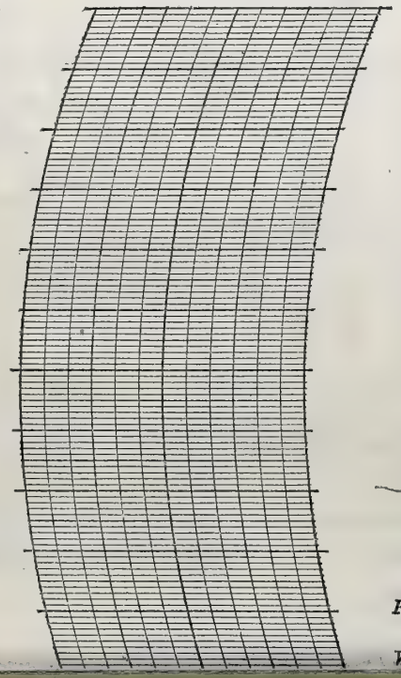
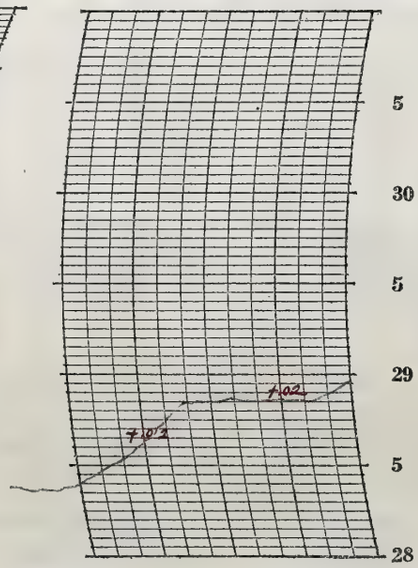


BAROGRAPH.



Prepared by

Verified by 62.H

NOTES

A cold day with snow flurries in the morning, becoming clear by noon but again clouding up before sunset and more snow flurries in the evening with the wind becoming strong. A southwest to west wind prevailed.

Today is Epiphany

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	9	6	4	3	3	3	4	5	6	7
State of weather: Nature of precipitation and time of beginning and ending	SPP DN3 SDE DN3											
Amounts of precipitation	2-T-3											
Cloudiness and other conditions												Clear
Sunrise: Time, Character,	7:06 Clear											
Moonrise:												
Sunshine (in tenths of hours)								0.90 0	0.6 0.4	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	SW	W	W	W	W
Wind movement	19	14	14	15	14	13	10	10	13	13	14	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	10	9	8	6	5	4	3	2	2	0	0
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:29 Clear			
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8 0.2	0.48 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	14	14	14	11	10	10	8	10	7	9	8

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

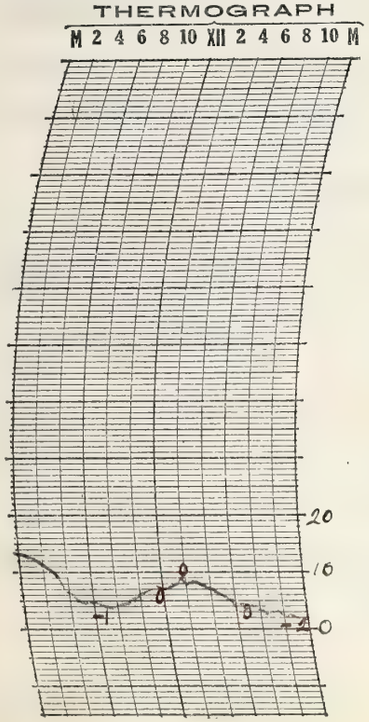
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
13	0	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 295
Average hourly velocity, 12.3 Extreme velocity, 22
Maximum velocity, 21 Direction, W
Time began, 12:08 a. m.
Reduced barometer, 30.21 7 a. m. 30.47 7 p. m.
River gage, 2.1 feet
Relative humidity, 77 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 7.1 Wet temperature, 5.6
Dew-point, -2 R. humidity, 64 V. pressure, 0.34
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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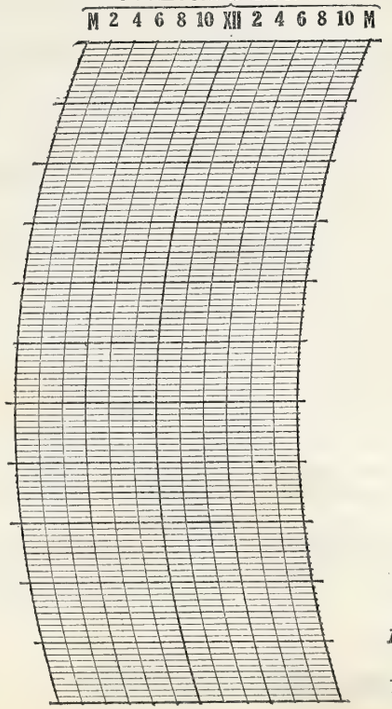
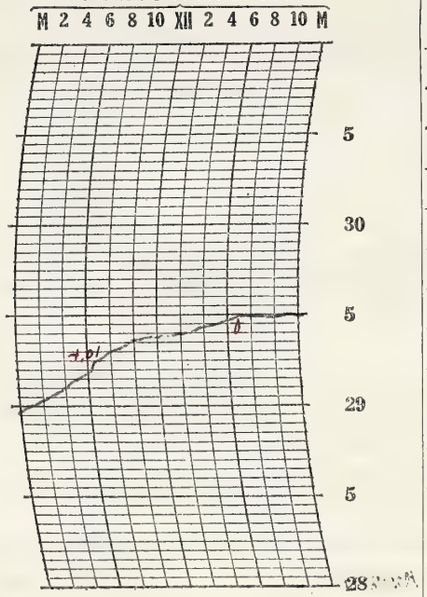


BAROGRAPH.



Prepared by E.S.
Verified by E.L.A.

8—486

NOTES

A clear day with some clouds visible during the day. A fresh west wind decreased during the day becoming light in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Yukon, Alaska, (Day of week) Tuesday, (Date) JAN 2 1929, 192

Time (local standard) 9.0 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	0	0	-1	-2	-3	-2	-1	1	5	10	12	14
Nature of precipitation and time of beginning and ending										S DB 9.20 S DF 9.30 S DB 9.53		S DF 11:28
Amounts of precipitation										T	T	T
Cloudiness and other conditions					← Pt Cldy			X			Cloudy	
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	S
Wind movement	7	7	5	8	11	10	9	8	11	12	13	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	21	23	26	29	30	30	30	29	29	28	27
Nature of precipitation and time of beginning and ending	S DB 12:35	S DE 1:15P										
Amounts of precipitation	T	T										
Cloudiness and other conditions		Cloudy						X Pt Cldy	X Clear			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	14	12	12	15	14	16	13	12	11	11

State of weather.

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:30 Character,

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	-3	14	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 0 Possible sunshine, hours,

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 274

Average hourly velocity, 11.4 Extreme velocity, 20

Maximum velocity, 18 Direction, SW

Time began, 5:49 a.m.

Reduced barometer, 30.44 7 a. m. 30.16 7 p. m.

River gage, 2.1 feet

Relative humidity, 86 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

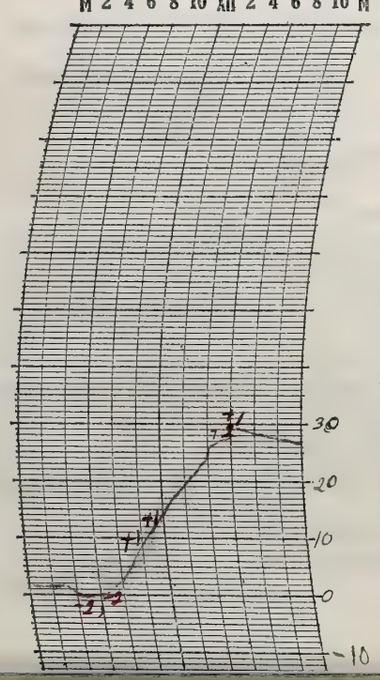
Dry temperature, 14.1 Wet temperature, 12.0

Dew-point, -5 R. humidity, 62 V. pressure, 0.42

Clouds: Amount, 10; Kind, St; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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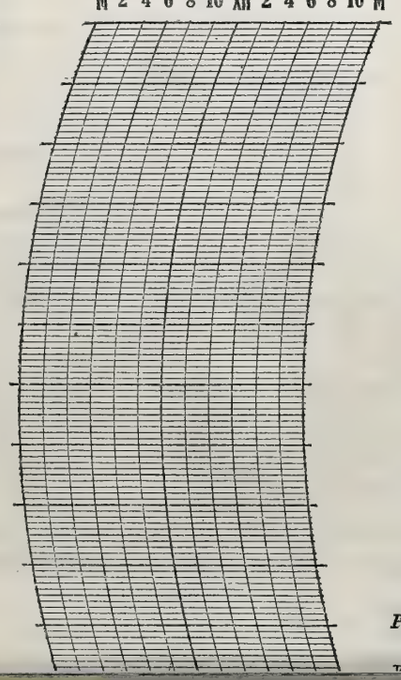
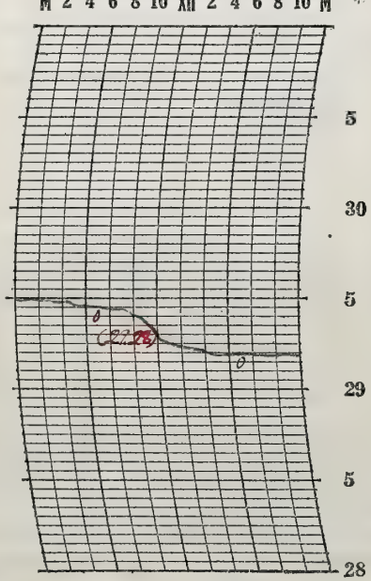


BAROGRAPH.



Prepared by E Y H

NOTES

The sky became cloudy during the morning but cleared up in the evening when the stars shone brightly. Temperatures became much warmer during the day. A light to gentle southwesterly wind prevailed.

Very cold in the morning but warming up by noon with light snow.

Form No. 1014—Met'l

U.S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) JAN 9 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	27	30	31	32	34	35	36	38	39	39	38	37	37	35	33	35	36	36	37	39	39
State of weather: Nature of precipitation and time of beginning and ending																	SMB 4:20	SME 5:20 RB 5:20			RE 8:30			
Amounts of precipitation																		13		T				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SE	SE	SE	S	SE	SE	S	S	S	S	SW
Wind movement	11	9	10	8	10	9	11	11	8	9	9	8	9	8	7	7	13	10	12	14	13	17	15	15

Cloudy

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:31 Character, Cloudy

Moonset:

Maximum velocities (exceeding 21 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	26	33	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, .03 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.13 ins.

Total precipitation, midnight to midnight, 0.13 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 0

Per cent of possible sunshine,

Prevailing wind direction, S Total wind, 253

Average hourly velocity, 10.5 Extreme velocity, 22

Maximum velocity, 21 Direction, S

Time began, 9:32 p.m.

Reduced barometer, 30.11 7 a. m. 29.60 7 p. m.

River gage, 2.2 feet

Relative humidity, 71 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

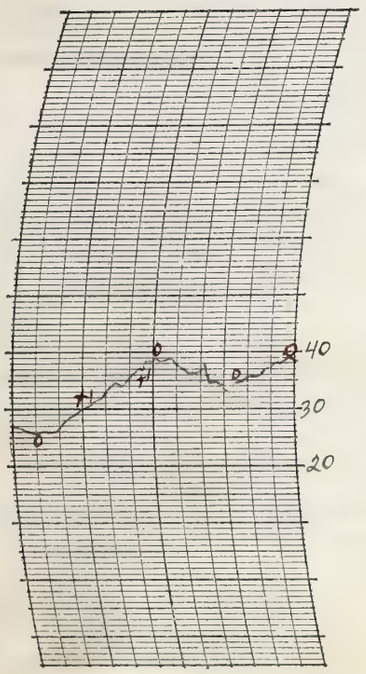
Dry temperature, 39.1 Wet temperature, 34.0

Dew-point, 27 R. humidity, 59 V. pressure, .143

Clouds: Amount, 10; Kind, st; Direction, S

Velocity of clouds (miles per hour) —

THERMOGRAPH



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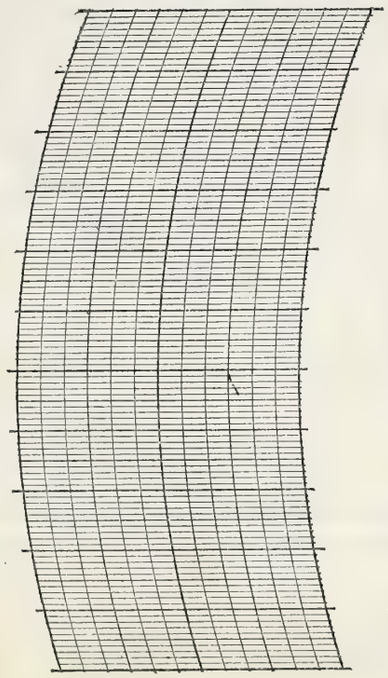
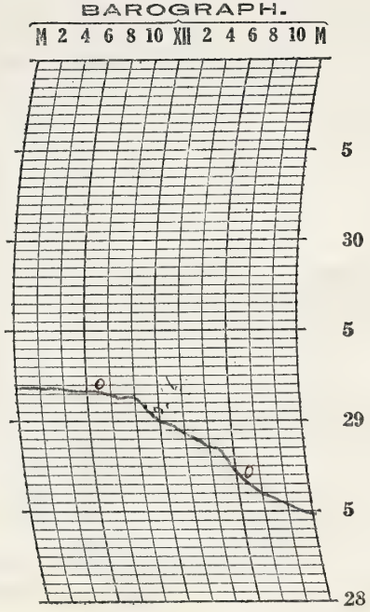


BAROGRAPH.



Prepared by C.F.

Verified by E.E.H.

8—486

NOTES

A cloudy day with rain and snow commencing to fall shortly before sunset and continuing into the night. The rain and snow in the late afternoon made the streets very slippery by 5.00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 10 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	37	36	35	34	34	31	30	30	30	29	29	30	29	28	28	28	28	28	27	27	25	24
State of weather: Nature of precipitation and time of beginning and ending				RB DNa				RE 7:30 SMB 7:30	SME 8:10		SMB 10:30		SME 12:30										SDB 10:30	SDE 11:05
Amounts of precipitation				.04						.01													T	T
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 7:06 Character, Cloudy
Moonrise:
Sunset: Time, 4:32 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	12	11	15	13	13	14	17	17	16	14	12	11	11	10	9	8	8	9	9	10	15	16	15
Maximum velocities (exceeding 21 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

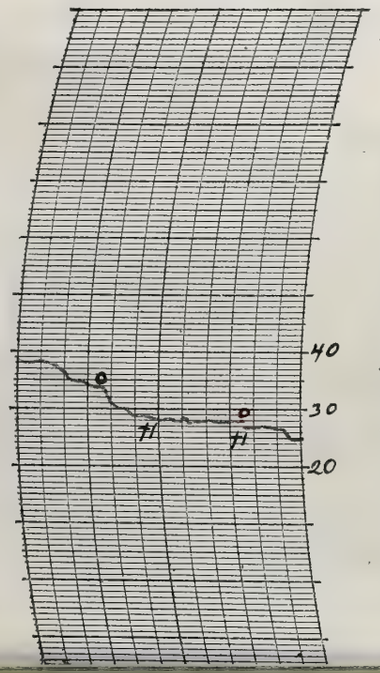
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	24	32	

Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 302
Average hourly velocity, 12.6 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 10:32 pm
Reduced barometer, 29.55 7 a. m. 29.89 7 p. m.
River gage, 2.4 feet
Relative humidity, 98 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.3 Wet temperature, 28.3
Dew-point, 26 R. humidity, 89 V. pressure, .136
Clouds: Amount, 10; Kind, stu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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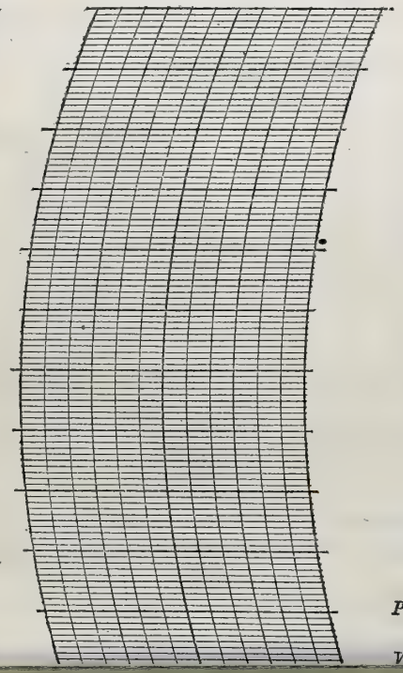
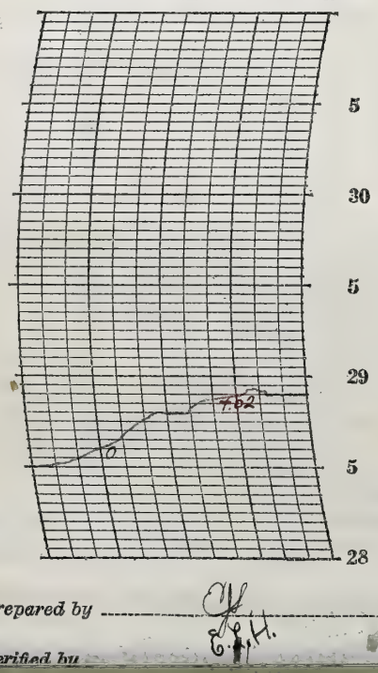


BAROGRAPH.



Prepared by

Verified by

NOTES

Streets very slippery during the entire 24 hours, ice glaze over all sidewalks and streets and a thin layer of snow over that.

A cloudy day with a gentle to fresh west to southwest wind prevailing

Cold wave warning received 8:50 pm for "Cold wave Friday night"

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 11 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	24	24	26	26	27	27	29	30	31	29	26	23	23	22	21	20	20	19	18	15	13	12
									SDB 8:05	SDE 9:30	SDB 10:50a	SDE 11:35	SDB 12:40						SDE 6:40	SDB 7:10	SDE 8:20			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0	0	0	0	0.4	0.6	0	0.4	0	0							
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	13	14	15	14	15	15	15	16	14	16	15	18	19	19	15	18	15	12	14	17	13	12	12
Maximum velocities (exceeding 25 miles) direction and time																								

Cloudy — Clear — Cloudy — Cloudy — Clear

Sunrise: Time, 7:05 Character, Cloudy
Moonrise:

Sunset: Time, 4:33 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

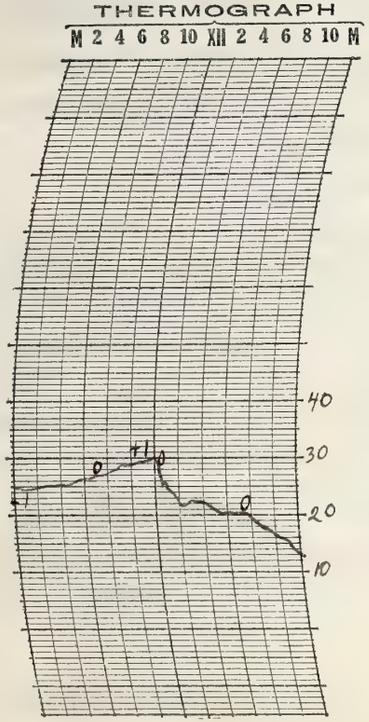
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	12	22	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 1.4 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 15
Prevailing wind direction, W Total wind, 362
Average hourly velocity, 15.1 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 1:45 p.m.
Reduced barometer, 29.74 7 a. m. 29.94 7 p. m.
River gage, 2.2 feet
Relative humidity, 82 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 28.9 Wet temperature, 25.1
Dew-point, 18 R. humidity, 58 V. pressure, .093
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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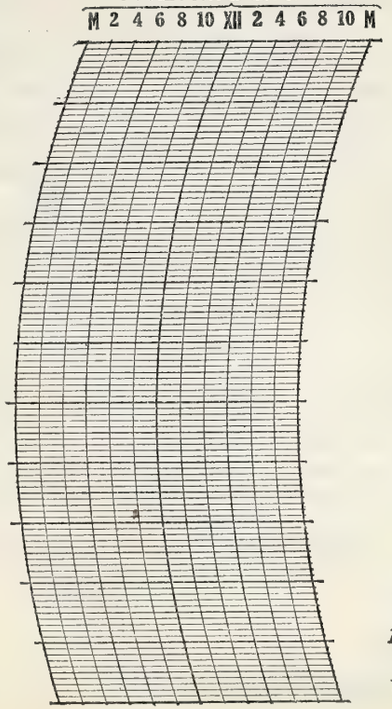
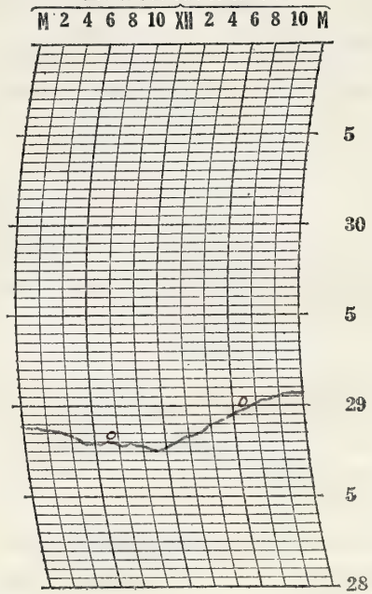


BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

8—486

NOTES

Temperatures fell during the day with snow flurries off and on from morning into the early evening. Although the sky was mostly partly cloudy in the afternoon and there was some sunshine very light snow continued to fall.

Cold wave "northeast portion tonight" received 8:30 a.m. flag hoisted 8:35 a.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	8	5	5	4	5	7	9	10	12	13
State of weather: Nature of precipitation and time of beginning and ending											SDB 10:25 SDE 10:45	
Amounts of precipitation											T	
Cloudiness and other conditions					← Pt Cldy							
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	9	9	9	10	11	14	15	16	16	16

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	16	18	20	21	22	22	22	21	18	17	16
State of weather: Nature of precipitation and time of beginning and ending						SDB 5:10				SDE 9:15		
Amounts of precipitation						← T			T →			
Cloudiness and other conditions			Cloudy									→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	17	20	19	15	14	13	13	12	15	16	14	14

Sunrise: Time, 7:05 Character, Cloudy
Moonrise:

Sunset: Time, 4:34 Character, Cloudy
Moonset:

Maximum velocities (exceeding 25 miles) direction and time: 25 SW 2:29

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

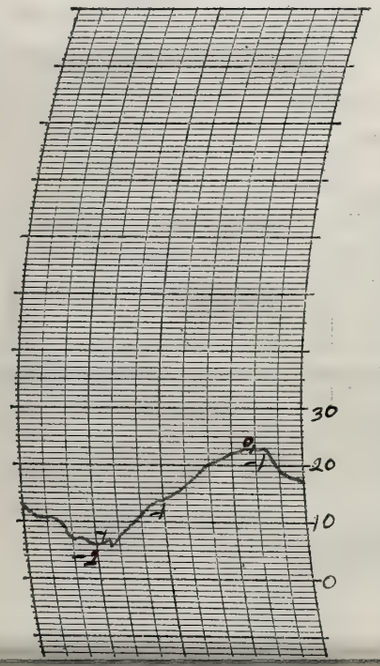
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	4	13	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 324
Average hourly velocity, 13.5 Extreme velocity, 28
Maximum velocity, 25 Direction, SW
Time began, 2:29 p.m.
Reduced barometer, 29.96 7 a. m. 29.80 7 p. m.
River gage, 2.1 feet
Relative humidity, 89 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 13.2 Wet temperature, 12.2
Dew-point, 9 R. humidity, 81 V. pressure, 0.60
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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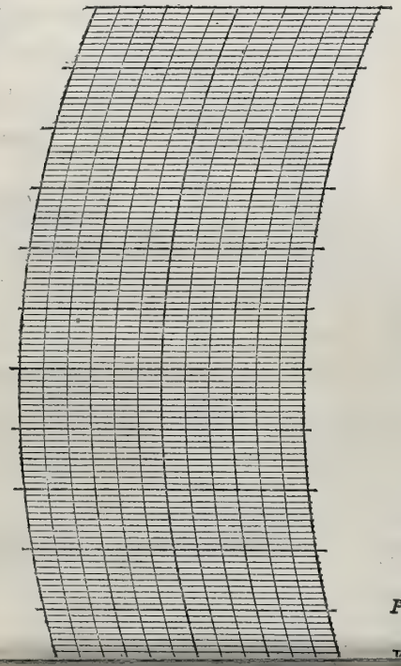

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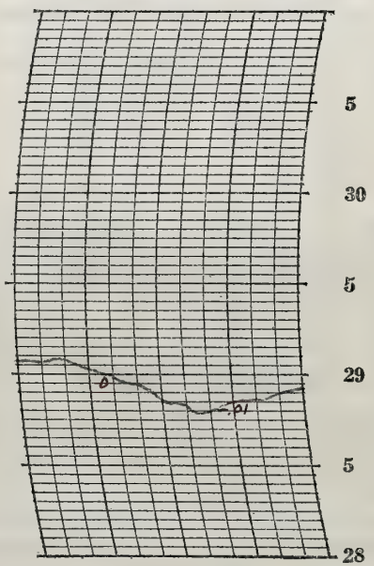


Prepared by

NOTES

Some snow fell in the late morning and after sunset into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 13 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	13	11	9	6	4	2	0	-2	-1	1	1
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear		×		Pt Cloudy	
Sunshine (in tenths of hours)								0.92 0	0.5 0.5	1.0	0.9	0.8
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	15	15	14	14	16	15	15	18	19	19	18

Sunrise: Time, 7:05 Character, Clear
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	1	1	1	0	-1	-2	-2	-2	-3	-4	-4
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×		Clear				→	
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.56 0							
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	18	18	18	16	13	10	8	7	7	6	7	6

Sunset: Time, 4:35 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

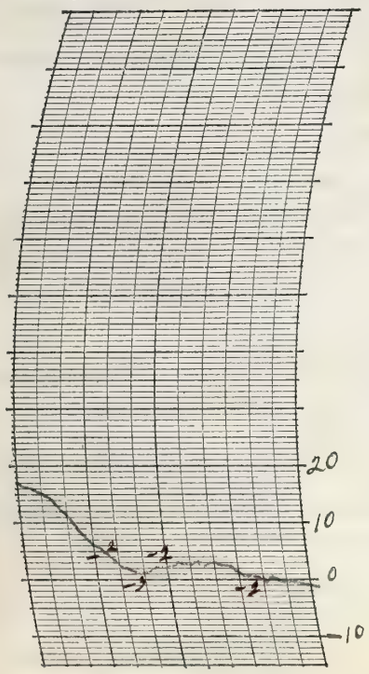
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
16	-4	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 97
Prevailing wind direction, W Total wind, 326
Average hourly velocity, 13.6 Extreme velocity, 26
Maximum velocity, 27 Direction, W
Time began, 10:29 a.m.
Reduced barometer, 30.03 7 a. m. 30.46 7 p. m.
River gage, 2.1 feet
Relative humidity, 88 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 11 Wet temperature, 0.3
Dew-point, -4 R. humidity, 75 V. pressure, 0.31
Clouds: Amount, 6; Kind, Scu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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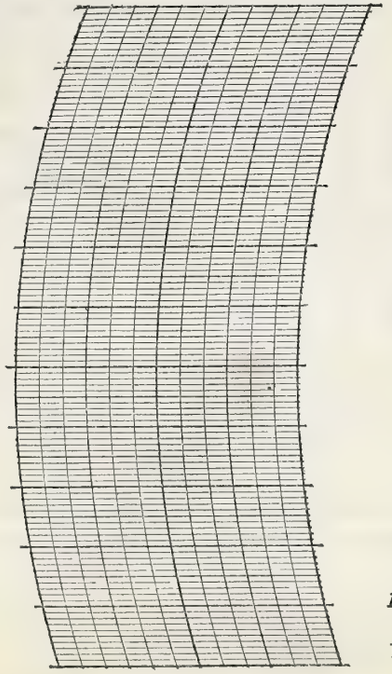
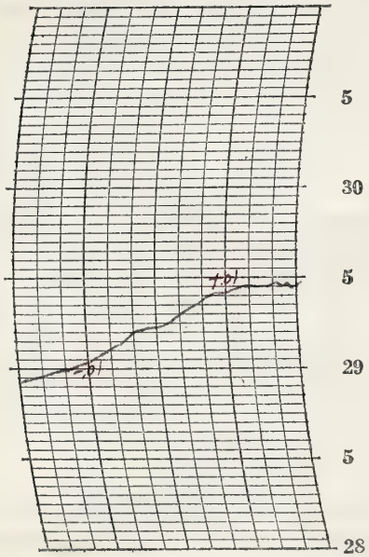


BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

A cold, part cloudy day with temperatures close to zero most of the day. Clear in the late afternoon and at night with a cold westerly wind.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 14 1929, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-5	-4	-3	-2	-1	0 SD 5:10	0	0	0	2	3	4	5	6	7	7	8	8	9	9	9	9	9	10 SD Cont.
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						← T	×			0.06	×				0.12			×				04		→
Cloudiness and other conditions						←						Cloudy												→
Sunrise: Time, 7:04 Character, Cloudy																					Sunset: Time, 4:36 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	S	S	SE	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NW	NW
Wind movement	8	5	4	3	4	4	4	5	6	7	8	7	6	8	6	6	5	5	3	3	4	3	4	5
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

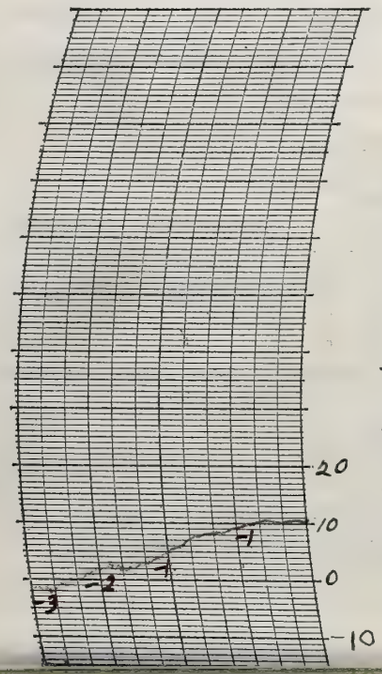
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	10	-5	2	

Total depth of snow for 24 hours ending 7 p. m., 3.2 inches.
Snow, sleet, and hail on ground 7 p. m., 3.2 inches.
Total snowfall, midnight to midnight, 4.1 inches.#
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.18 ins.
Total precipitation, midnight to midnight, .22 inches.#
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 12:31 a.m.
Reduced barometer, 30.44 7 a. m. 30.14 7 p. m.
River gage, 2.0 feet
Relative humidity, 74 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 4.2 Wet temperature, 4.0
Dew-point, 3 R. humidity, 94 V. pressure, .044
Clouds: Amount, 10; Kind, st cu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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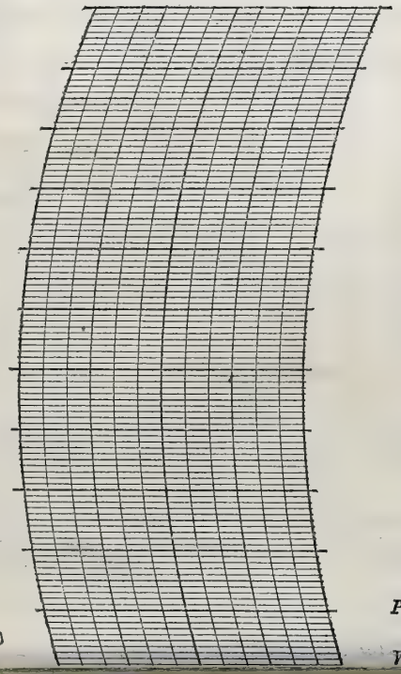
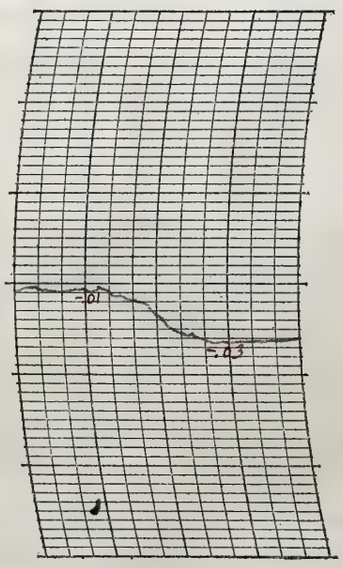


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

Snow began to fall at 5:10 a.m. and continued all day and into the night. A very cold day. The streets were very slippery.

Amounts before and after midnight estimated

Special observation sent to Chicago on account of pressure change.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 15 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	10	10	11	10	11	10	10	10	12	15	17
Nature of precipitation and time of beginning and ending	SD cont.							SDE 7:20				
Amounts of precipitation				0.5				T				
Cloudiness and other conditions					Cloudy			X			Pt Cloudy	
Sunshine (in tenths of hours)								0	0.2	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	6	6	6	8	10	9	6	7	5	4	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	20	21	19	18	16	13	13	12	12	10
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy		X				Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.6 2 0							
Wind direction	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	7	5	5	5	4	4	3	3	3	3	2	2

Sunrise: Time, 7:04 Character, Cloudy

Moonrise:

Sunset: Time, 4:32 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	8	14	

Total depth of snow for 24 hours ending 7 p. m., 1.4 inches.

Snow, sleet, and hail on ground 7 p. m., 4.6 inches.

Total snowfall, midnight to midnight, 0.5 inches.#

Precipitation to 7 a. m., 0.9 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.5 inches.#

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.8 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 81

Prevailing wind direction, W Total wind, 124

Average hourly velocity, 5.2 Extreme velocity, 12

Maximum velocity, 12 Direction, W

Time began, 5:20 a.m.

Reduced barometer, 30.32 7 a. m. 30.40 7 p. m.

River gage, 2.0 feet

Relative humidity, 91 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

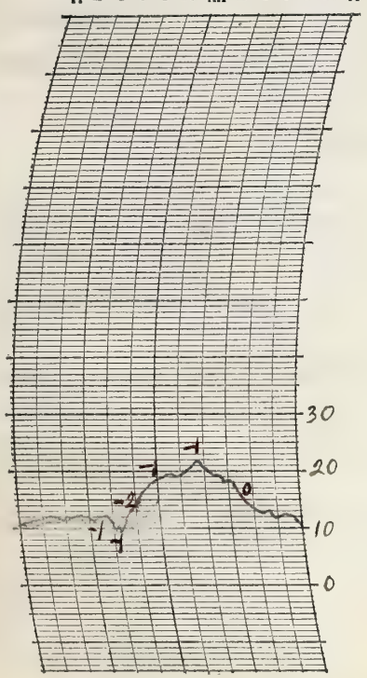
Dry temperature, 17.2 Wet temperature, 16.0

Dew-point, 12 R. humidity, 80 V. pressure, 0.20

Clouds: Amount, 4; Kind, cist.; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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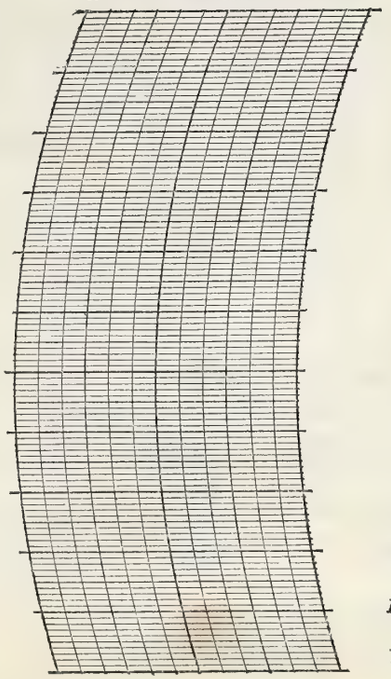
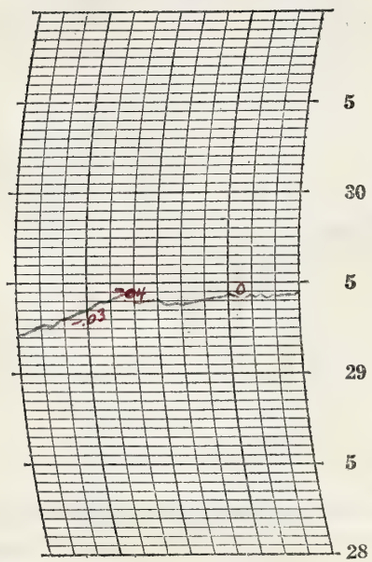


BAROGRAPH.



Prepared by J.H.

Verified by E.L.H.

8—486

NOTES

Snow continued from midnight a.m. until 7:20 a.m. Then it commenced to clear and continued cold during the day.

Amounts before and after midnight estimated

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 16 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	7	5	4	4	4	3	5	10	12	15	17	21	22	23	23	22	20	20	20	21	22	22	23
State of weather: Nature of precipitation and time of beginning and ending																	S RB 4:55	S DE 6:00	RB 6:00 RE 6:50 Slet B 6:50	Slet E 7:20 RB 7:20				R. Cont.
Amounts of precipitation																		← T				0.5		→
Cloudiness and other conditions					←		Cloudy					Pt Cldy →							Cloudy					→
Sunshine (in tenths of hours)								0	0	0	0	0.7	1.0	0.4	0	0	0							
Wind direction	N	E	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	4	3	5	5	5	5	8	7	9	9	9	10	10	10	11	11	11	12	12	12	11	7	7	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy
Moonrise:
Sunset: Time, 4:39 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

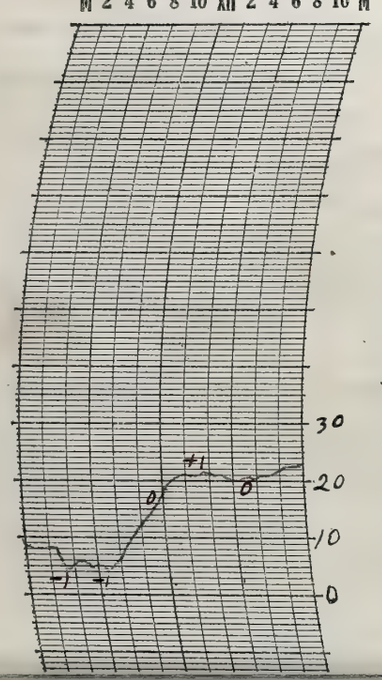
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	3	13	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 4.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.5# inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.1 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 22
Prevailing wind direction, NE Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 6:37 p.m.
Reduced barometer, 30.41 7 a. m. 30.12 7 p. m.
River gage, 1.5 feet
Relative humidity, 66 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 17.1 Wet temperature, 15.9
Dew-point, 12 R. humidity, 80 V. pressure, 0.70
Clouds: Amount, 7; Kind, 2 Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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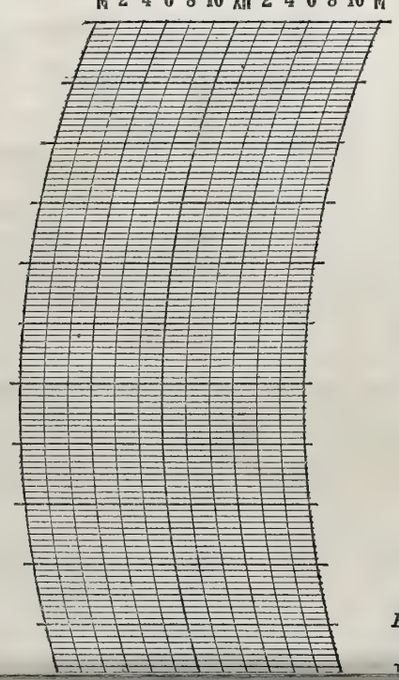
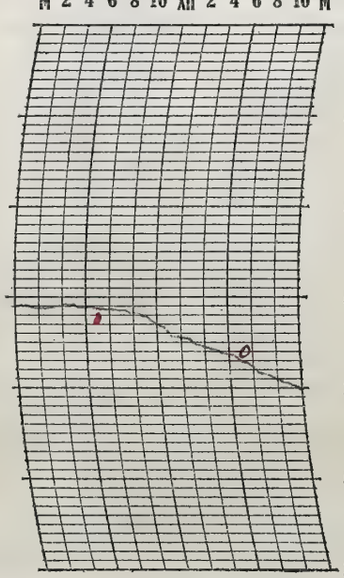


BAROGRAPH.



Prepared by E. H.

Verified by

NOTES

Sleet began to form at 6:00 p.m. and sidewalks became extremely slippery and very dangerous. The sleet continued into the night.
Amounts before and after mid-night estimated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) JAN 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	26	28	31	32	33	34	35	37	40	41	43
	R Cont											
Nature of precipitation and time of beginning and ending												
Amounts of precipitation				0.9						0.2		
Cloudiness and other conditions				DN	Dense Fog						Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	47	47	46	46	46	46	46	45	45	45
						RE 5:30			RB 8:05			R Cont
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			0.2							1.3		
Cloudiness and other conditions										Dense Fog		

Sunrise: Time, 7:03 Character, Foggy
Moonrise:

Sunset: Time, 4:40 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	S	S	S	S	S	S	S	S	S
Wind movement	4	3	3	4	6	6	6	10	11	11	14	15
Maximum velocities (exceeding 20 miles) direction and time												

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	17	15	14	15	14	13	13	12	7	4	3
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

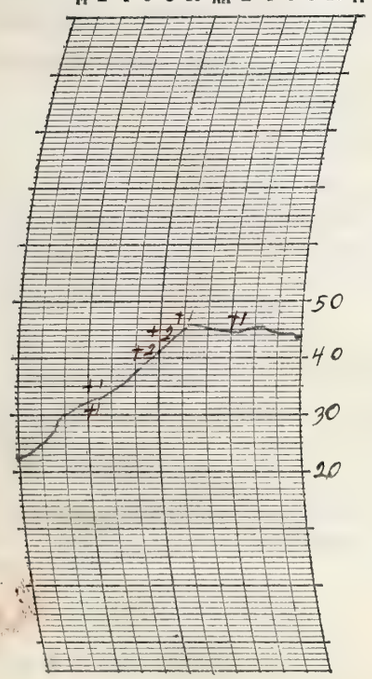
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	23	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.14 ins.; to 7 p. m., 0.04 ins.
Total precipitation, midnight to midnight, 26 # inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 235
Average hourly velocity, 9.8 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 1:50 pm
Reduced barometer, 29.73 7 a. m. 29.54 7 p. m.
River gage, 1.6 feet
Relative humidity, 95 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.1 Wet temperature, 42.6
Dew-point, 42 R. humidity, 96 V. pressure, 26.6
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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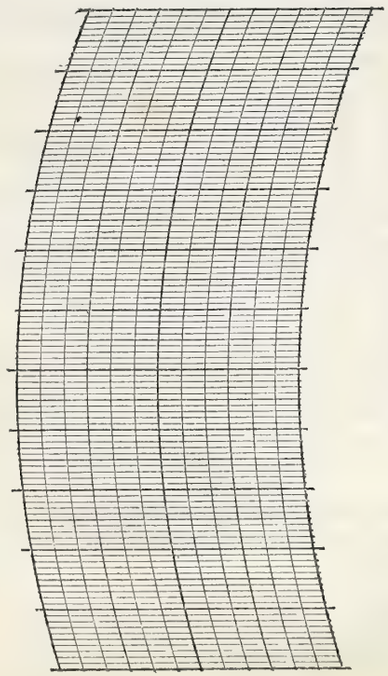
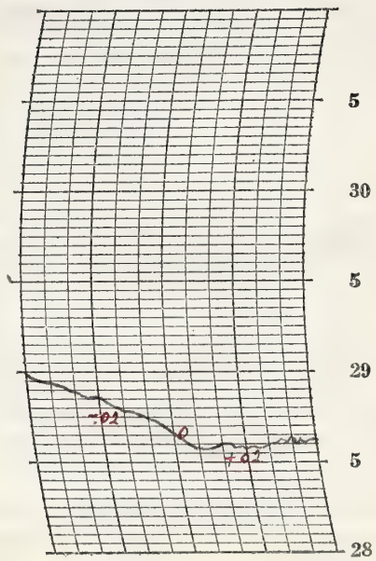


BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

8—486

NOTES

A rainy day with increasing temperatures. Streets continued slippery.
Amounts before and after midnight estimated.
Dense fog began DN 2 ended 5:30 a.m.
Dense fog began 9:00 p.m. and cont.

Special observation sent to Chicago on account of pressure change.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 18 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	44	44	46	48	49	50	52	52	53
	R Cont	RE DNa							RB 8:30			
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.10								.02#	
Cloudiness and other conditions			Dense Fog								Lt Fog	
Sunrise: Time, Character,	7:03 Foggy											
Moonrise:												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	3	3	4	3	2	7	9	9	11	12	9	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	51	49	48	47	46	45	45	37	34	33
											RE 11:00	
Nature of precipitation and time of beginning and ending												
Amounts of precipitation		.39			.45				.06			
Cloudiness and other conditions		Cloudy										
Sunset: Time, Character,									4:41 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	SW	NW	W	W	SW	SW	SW	SW	W	NW
Wind movement	7	9	6	11	12	10	11	13	13	18	15	15

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

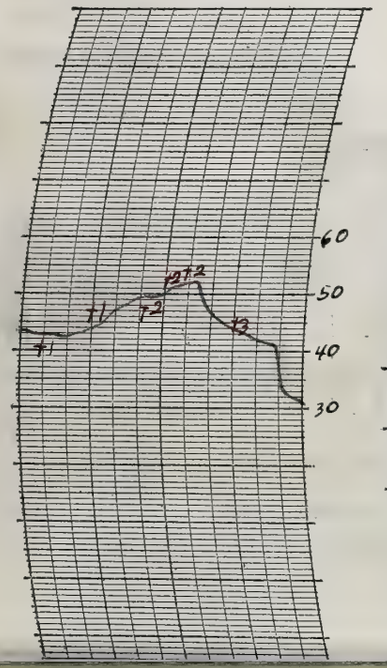
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	33	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.23 ins.; to 7 p. m. 0.96# ins.
Total precipitation, midnight to midnight, 1.12 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 220
Average hourly velocity, 9.2 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 9:42 p.m.
Reduced barometer, 29.55 7 a. m. 29.30 7 p. m.
River gage, 6.2 feet
Relative humidity, 96 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.3 Wet temperature, 52.8
Dew-point, 52 R. humidity, 97 V. pressure, .387
Clouds: Amount, 10; Kind, 10 Lt Fog; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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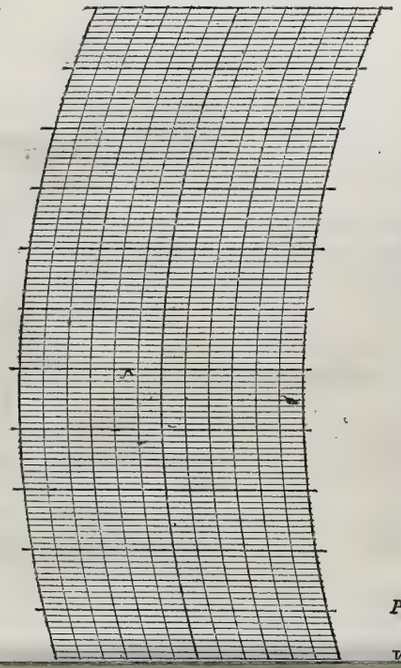
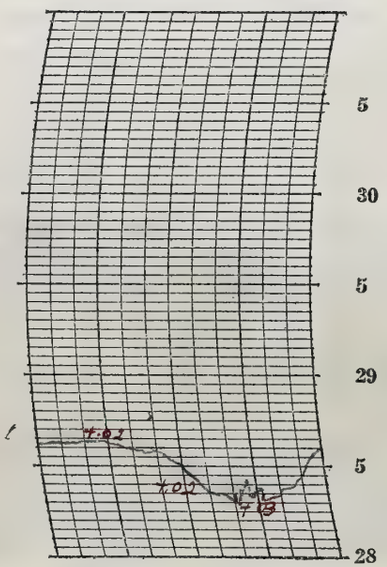


BAROGRAPH.



Prepared by

Verified by

NOTES

A warm cloudy day.
Amounts before and after mid-night estimated. Some ice on streets.
Dense fog cont. ending 9:50 a.m.
Lt. fog began 9:50 a.m., ending 2:00 p.m.

Special observation sent to Chicago on account of pressure change.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Saturday~~, (Date) JAN 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	27	26	26	26	25	25	25	28	30	33	34	35	35	34	33	32	31	31	31	31	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy X						Pt Cloudy X						Clear					→
Sunshine (in tenths of hours)								0	0	0	0.8	1.0	1.0	1.0	1.0	0.2 / 0.8	0.70 / 0							
Wind direction	W	W	W	W	W	W	W	SW	W	SW	SW	SW	SW	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	16	16	14	13	10	8	8	7	7	8	6	6	8	8	9	10	7	8	9	10	9	9	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:02 Character, Cloudy
Moonrise:

Sunset: Time, 4:42 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

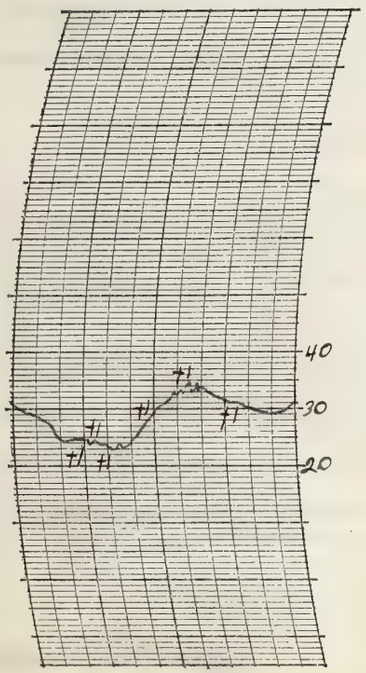
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.06 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.5 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 67
Prevailing wind direction, SW Total wind, 220
Average hourly velocity, 9.2 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 12:10 a m.
Reduced barometer, 29.98 7 a. m. 30.03 7 p. m.
River gage, 1.5.1 feet
Relative humidity, 88 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.8 Wet temperature, 28.0
Dew-point, 25 R. humidity, 80 V. pressure, .130
Clouds: Amount, 4; Kind, a st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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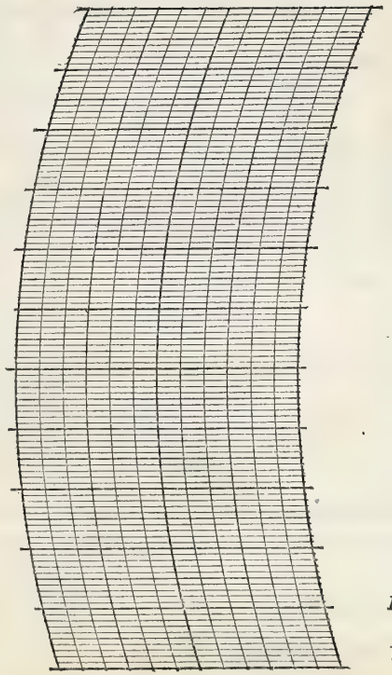
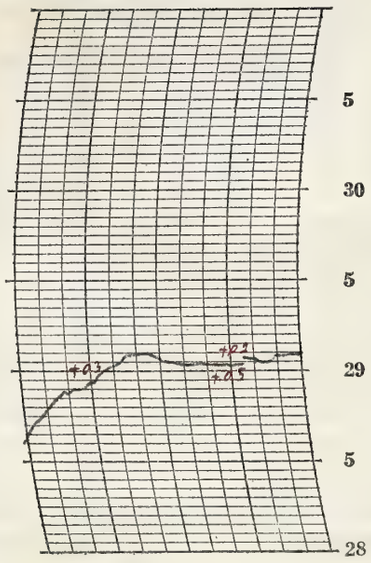


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

It was cloudy in the early morning but becoming mostly clear beautiful day. Some ice continued on streets.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 20 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	28	27	25	22	20	18	16	16	17	18	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Partly							
Sunshine (in tenths of hours)								0.98 0	0.5 0.5	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	12	14	13	14	14	15	15	13	14	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	22	23	23	23	22	22	21	21	21	20	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.1 0.9	0.72 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	10	8	6	6	5	4	3	2	2	2	2

Sunrise: Time, 7:01 Character, Clear

Moonrise:

Sunset: Time, 4:43 Character, Clear

Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

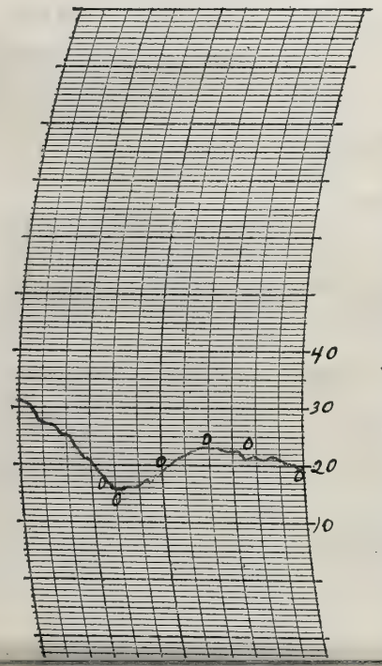
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	16	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.7 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 217
Average hourly velocity, 9.0 Extreme velocity, 21
Maximum velocity, 20 Direction, W
Time began, 6:21 a.m.
Reduced barometer, 30.30 7 a. m. 30.39 7 p. m.
River gage, 15.5 feet
Relative humidity, 68 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.9 Wet temperature, 17.8
Dew-point, 12 R. humidity, 69 V. pressure, 0.20
Clouds: Amount, Few; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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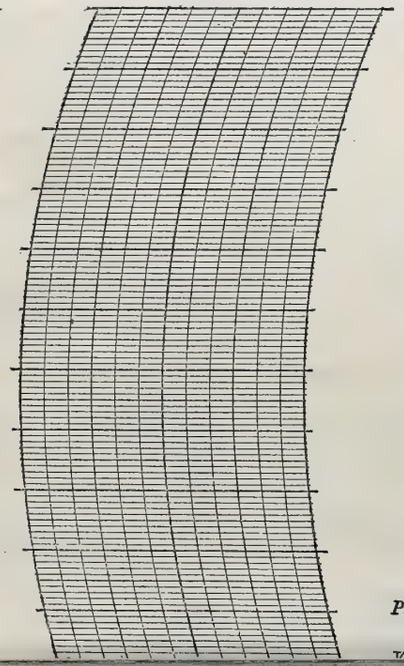
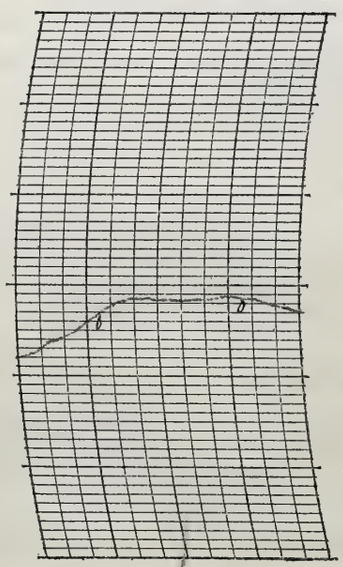


BAROGRAPH.



Prepared by E.L.H.

Verified by

NOTES

A moderate to light west wind prevailed all day. A pleasant day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	22	23	23	24	24	25	25	25	28	30	31
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	2	2	3	2	3	2	2	3	3	2	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	32	32	32	31	30	29	28	27	26	25
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	0.4	1.0	1.0	0.4	0							
Wind direction	W	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	9	7	6	5	5	4	4	3	3	4	5

State of weather.

Pt Cloudy

Sunrise: Time, 7:01 Character, Cloudy

Moonrise:

Sunset: Time, 4:44 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	20	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.8 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 29

Prevailing wind direction, W Total wind, 100

Average hourly velocity, 4.2 Extreme velocity, 11

Maximum velocity, 11 Direction, W

Time began, 12:09 p.m.

Reduced barometer, 30.20 7 a. m. 30.24 7 p. m.

River gage, 13.7 feet

Relative humidity, 69 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

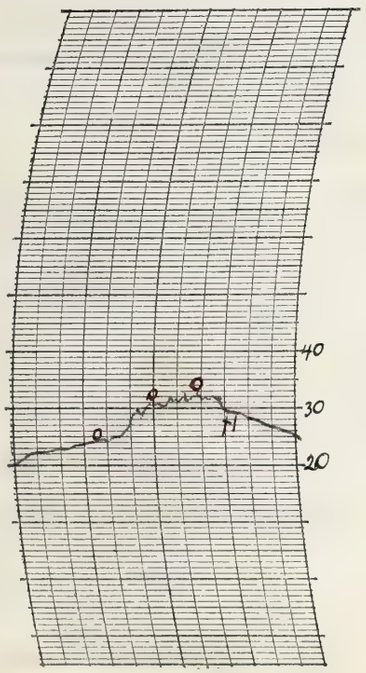
Dry temperature, 30.9 Wet temperature, 29.2

Dew-point, 26 R. humidity, 82 V. pressure, 136

Clouds: Amount, 10; Kind, stratus; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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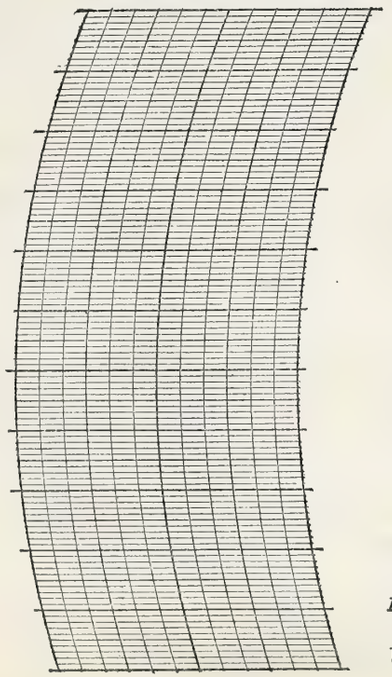
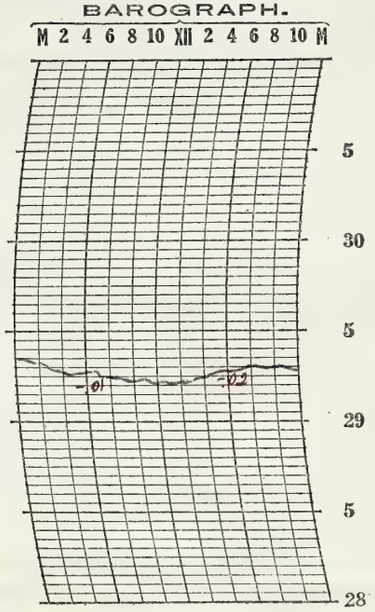


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cloudy day becoming partly cloudy in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 22 1929, 192

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	24	25	26	26	28	28	29	30	31	32
State of weather: Nature of precipitation and time of beginning and ending							SP B 6:40	SP E 7:20; SM B 7:20; SM E 7:40; RR B 7:40				
Amounts of precipitation										75		
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 7:00 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	NW	NW	E	E	E	E	E	E	E	E	E
Wind movement	6	8	7	7	6	9	9	10	8	9	8	6
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	33	35	38	41	45	42	38	37	37	37
State of weather: Nature of precipitation and time of beginning and ending							RE 6:20					
Amounts of precipitation				30		13						
Cloudiness and other conditions	Cloudy										Clear	
Sunset: Time, 4:46 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	SE	SE	S	SW	W	W	W	W	W
Wind movement	8	6	8	8	8	10	11	20	20	18	24	22
Maximum velocities (exceeding 25 miles) direction and time									29 W 8:14		32 W 10:51	27 W 11:19

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	23	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 1.18 ins.
Total precipitation, midnight to midnight, 1.18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 256
Average hourly velocity, 10.7 Extreme velocity, 34
Maximum velocity, 32 Direction, W
Time began, 16:51 p.m.
Reduced barometer, 30.05 7 a. m. 29.60 7 p. m.
River gage, 12.4 feet
Relative humidity, 77 7 a. m. 98 7 p. m.

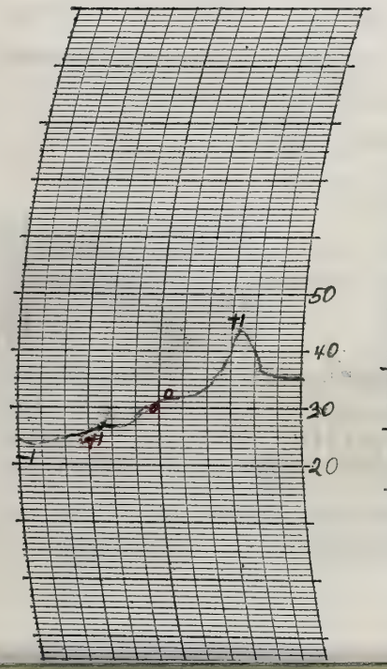
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

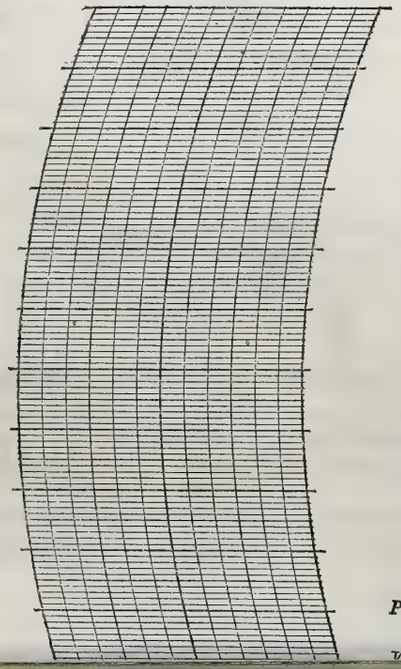
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 31.5 Wet temperature, 30.0
Dew-point, 28 R. humidity, 84 V. pressure, 150
Clouds: Amount, 10; Kind, stratus; Direction, SE
Velocity of clouds (miles per hour)

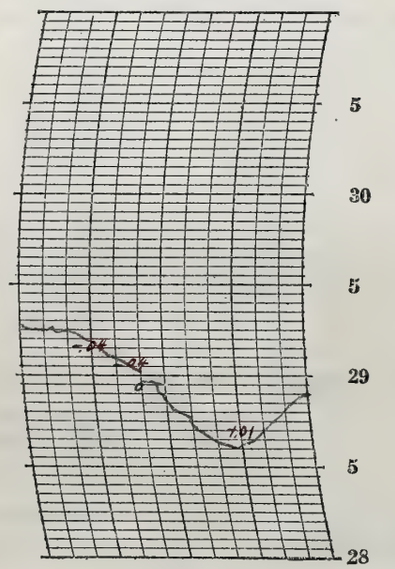
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CHL

Verified by EJH

NOTES

Sleet fell in the morning with ice and icicles forming. Rain continued during the day and ended at 6:20 p.m. The clouds cleared up shortly after 8:00 p.m. and it continued clear. Strong winds were experienced in the later part of the evening.

Cold wave warning received 8:35 a.m. for "Cold wave Wednesday" another received at 8:21 p.m. for "Severe cold wave Wednesday"

Special observation sent to Chicago on account of pressure change

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	25	23	21	19	18	16	15	16	17	19	20	21	22	22	22	21	21	21	21	21	20	20	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					X	Pt Cloudy				X			Cloudy				→
Sunshine (in tenths of hours)							0.02 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NE
Wind movement	17	15	16	15	13	13	13	12	13	14	14	12	12	10	8	8	5	5	3	3	4	6	5	6
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:59 Character, Clear
Moonrise: ___ ___

Sunset: Time, 4:47 Character, Cloudy
Moonset: ___ ___

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

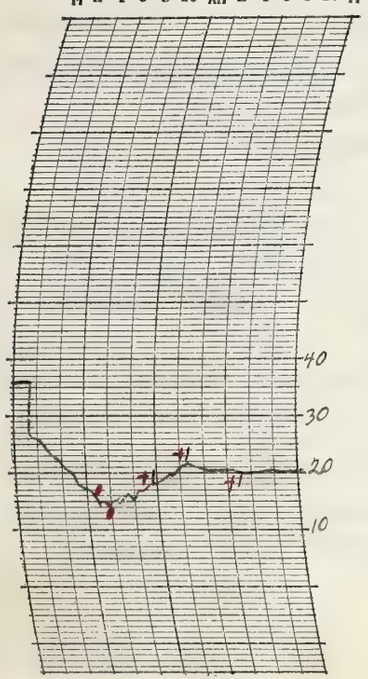
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	14	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ___
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.1 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 83
Prevailing wind direction, W Total wind, 242
Average hourly velocity, 10.1 Extreme velocity, 23
Maximum velocity, 21 Direction, W
Time began, 12:55 a. m.
Reduced barometer, 30.13 7 a. m. 30.32 7 p. m.
River gage, 15.6 feet
Relative humidity, 79 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.9 Wet temperature, 17.8
Dew-point, 12 R. humidity, 69 V. pressure, .070
Clouds: Amount, 3 2; Kind, Cist; Direction, W
Velocity of clouds (miles per hour) ___

THERMOGRAPH



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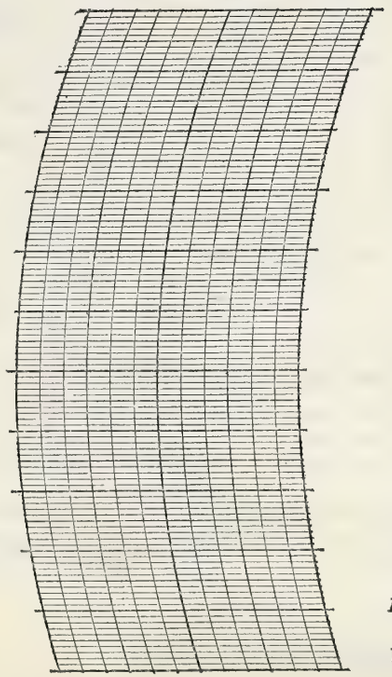
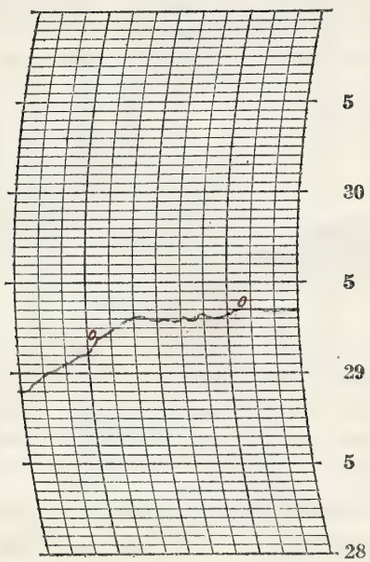


BAROGRAPH.



Prepared by E.J.S.
Verified by E.L.H.

8—436

NOTES

It gradually became cloudy during the day with mostly high clouds prevailing. A light to fresh west wind veering to N.E. prevailed. Temperatures are close to the seasonal average. Streets and sidewalks are covered with ice and are quite dangerous and slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	19	18	17	17	18	18	20	20	22	24
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	7	8	10	11	11	13	12	15	14	14	15	10
Maximum velocities (exceeding 20 miles) direction and time												

Sunrise: Time, 6:59 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	27	28	28	29	30	31	32	32	33	33
State of weather: Nature of precipitation and time of beginning and ending	SB 12:28 T	SDE 2:00 RB 2:30										R Cont
Amounts of precipitation	T	X		.22			X			.05		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	11	13	16	14	15	13	12	10	11	8	8	5
Maximum velocities (exceeding 20 miles) direction and time												

Sunset: Time, 4:48 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	17	25	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.22 ins.
Total precipitation, midnight to midnight, 0.27# inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 276
Average hourly velocity, 11.5 Extreme velocity, 21
Maximum velocity, 21 Direction, NE
Time began, 10:18 a.m.
Reduced barometer, 30.25 7 a. m. 29.79 7 p. m.
River gage, 14.8 feet
Relative humidity, 75 7 a. m. 100 7 p. m.

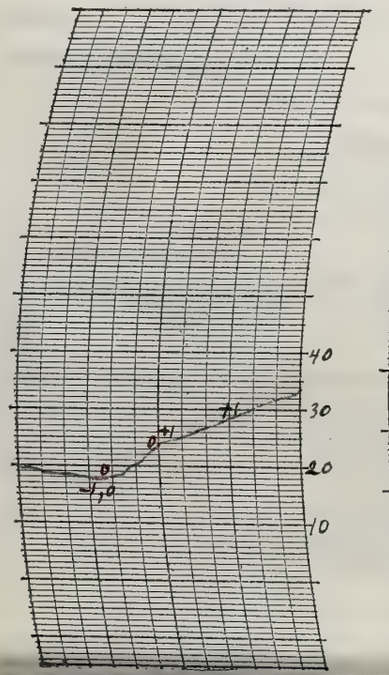
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.4 Wet temperature, 23.0
Dew-point, 20 R. humidity, 82 V. pressure, .103
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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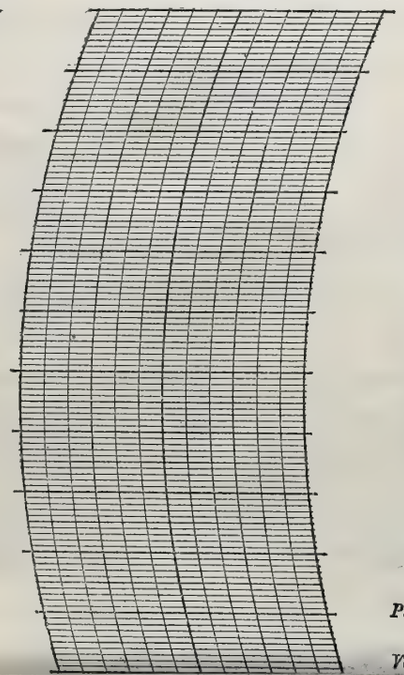
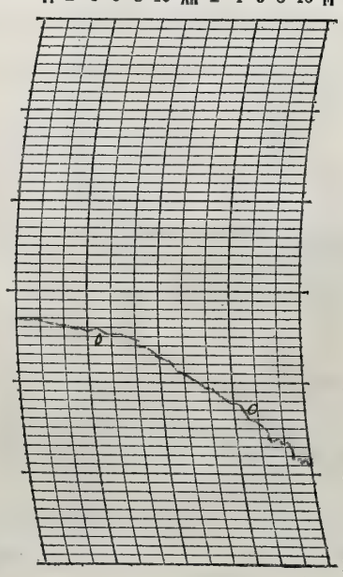


BAROGRAPH.



Prepared by [illegible]

Verified by E.H.

NOTES

A cloudy day commencing to snow shortly after noon. Sleet began at 2:25 and turned to rain which continued and ended in the evening. Some ice formed on wires; and streets and sidewalks became more slippery.

Amount before and after midnight estimated

Cold wave warning received 8:18 p.m. for "severe cold wave - Saturday."

Special observation sent to Chicago on account of pressure change

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 25 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	35	37	36	35	34	26	23	18	17	15
Nature of precipitation and time of beginning and ending	R cont.	RE DN2										
Amounts of precipitation				0.2								
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.8
Wind direction	NW	E	E	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	4	2	12	15	15	19	22	21	22	23	21
Maximum velocities (exceeding ___ miles) direction and time								26 SW 7:16		30 SW 9:31	26 SW 10:19	

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	18	17	15	15	14	14	13	12	12	11
Nature of precipitation and time of beginning and ending			SDB 2:40 SDE 2:50		SDB 4:15 SDE 4:40							
Amounts of precipitation			T		T							
Cloudiness and other conditions		Pt Cloudy							Clear			
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.4	0							
Wind direction	SW	SW	W	W	W	SW	W	W	W	W	W	W
Wind movement	20	19	20	18	18	17	16	14	14	13	12	12
Maximum velocities (exceeding ___ miles) direction and time												

Sunrise: Time, 6:58 Character, Cloudy

Moonrise:

Sunset: Time, 4:49 Character, Cloudy

Moonset:

State of weather.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	11	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02# inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.5 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 46

Prevailing wind direction, SW Total wind, 373

Average hourly velocity, 15.5 Extreme velocity, 35

Maximum velocity, 30 Direction, SW

Time began, 9:31 a m

Reduced barometer, 29.50 7 a. m. 30.10 7 p. m.

River gage, 13.1 feet

Relative humidity, 90 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

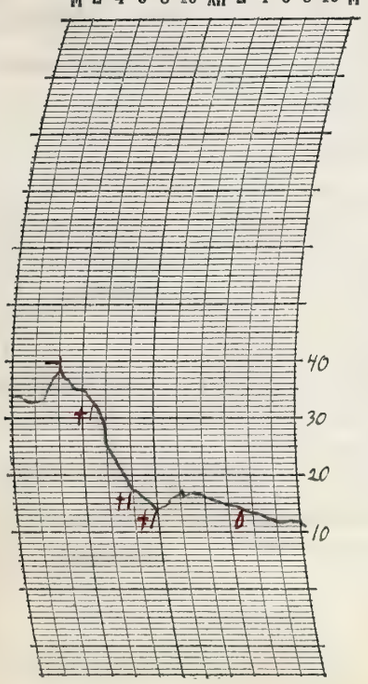
Dry temperature, 14.9 Wet temperature, 12.9

Dew-point, 6 R. humidity, 65 V. pressure, .052

Clouds: Amount, 6; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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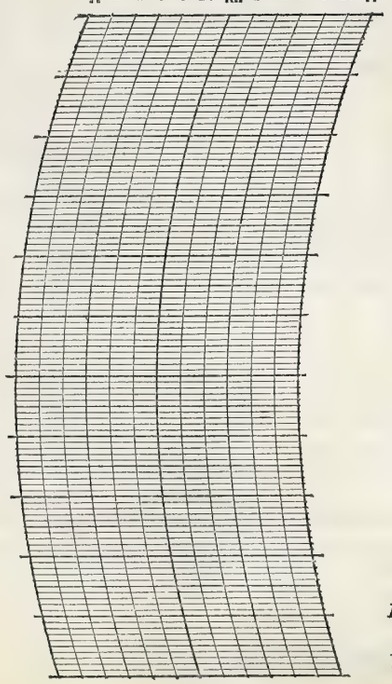
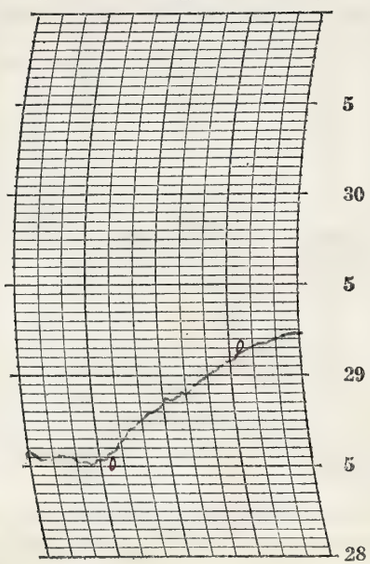


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

The sky became clear in the evening.

Amount before and after midnight estimated.

Cold wave warning received 8:40 a m. for "severe cold wave tonight." Flag hoisted 8:45 a m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 26 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	9	8	8	7	7	7	8	11	14	17	18	20	21	21	21	21	21	20	20	20	20	20
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Clear						X			Pt Cloudy					→
Sunrise: Time, 6:57 Character, Clear																					Sunset: Time, 4:51 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0.05 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.5 0	0							
Wind direction	W	W	W	SW	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	11	10	7	8	9	7	6	7	6	5	5	5	4	4	3	3	2	3	3	4	5	5	6
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

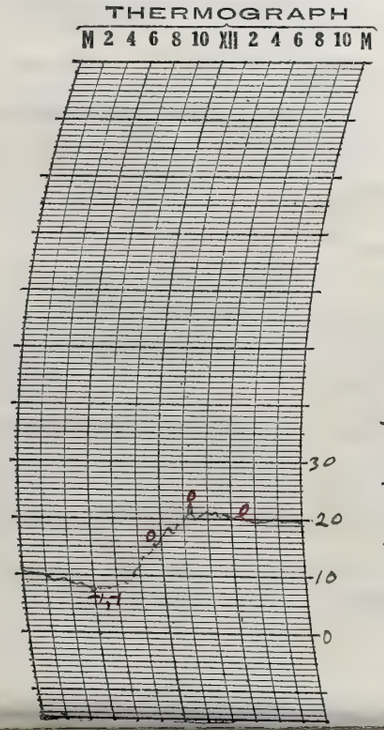
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	6	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 8.6 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 87
Prevailing wind direction, W Total wind, 139
Average hourly velocity, 5.8 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 1:58 a.m.
Reduced barometer, 30.32 7 a. m. 30.32 7 p. m.
River gage, 11.5 feet
Relative humidity, 80 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 17.0 Wet temperature, 14.8
Dew-point, 8 R. humidity, 64 V. pressure, .057
Clouds: Amount, 1; Kind, Cst.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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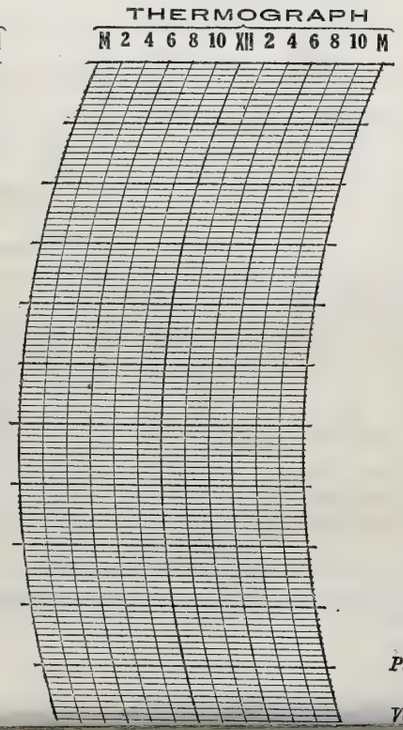
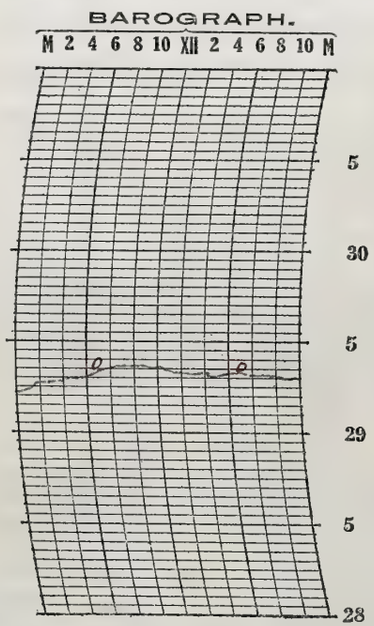


BAROGRAPH.



Prepared by

Verified by

NOTES

A clear day becoming partly cloudy about an hour before sunset

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 27 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	19	18	17	17	16	16	18	20	22	23	24	24	24	25	23	21	21 SDB 6:20	20	19 SDE 9:00	19	18	18
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			T	←.01	→			
Cloudiness and other conditions					←								Cloudy										→	
Sunshine (in tenths of hours)							0	0	0	0.4	0.1	0	0	0	0	0	0							
Wind direction	W	E	E	E	E	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N
Wind movement	5	8	6	7	8	10	9	10	8	12	10	12	13	12	13	10	11	9	11	9	10	9	8	6
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:56 Character, Cloudy
Moonrise:

Sunset: Time, 4:52 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

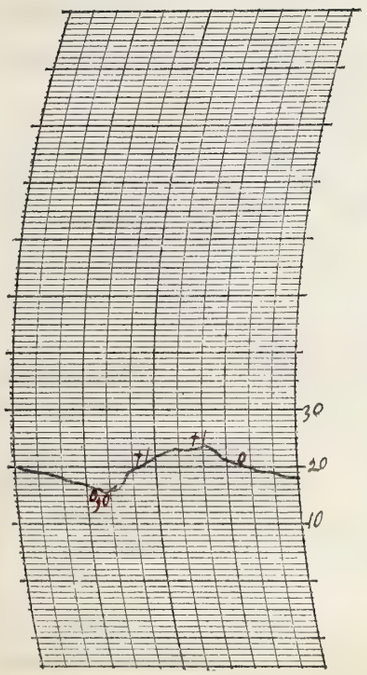
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	16	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 01 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 5
Prevailing wind direction, NE Total wind, 226
Average hourly velocity, 9.4 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 1:30 p.m.
Reduced barometer, 30.16 7 a. m. 30.08 7 p. m.
River gage, 9.4 feet
Relative humidity, 79 7 a. m. 86 7 p. m.

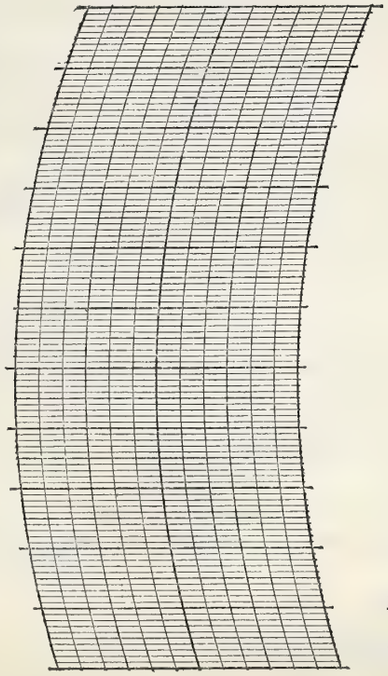
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.8 Wet temperature, 20.4
Dew-point, 14 R. humidity, 67 V. pressure, .077
Clouds: Amount, 10; Kind, stcu; Direction, W
Velocity of clouds (miles per hour)

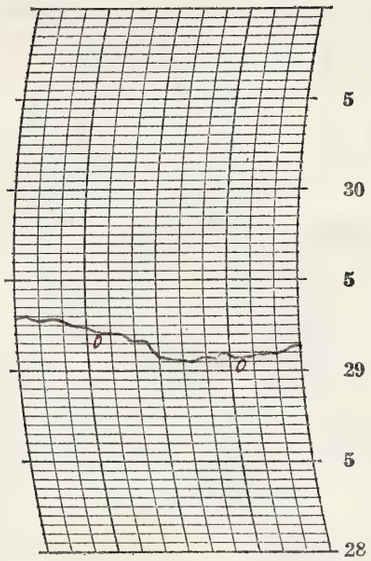
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF.
Verified by EJF.

8—436

NOTES

A cloudy day with a light snow in the early evening.
Today is Septuagesima Sunday.

Cold wave warning received for "severe cold wave tonight" at 9:00 a.m. and flag hoisted immediately.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 28 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	16	15	14	12	11	13	17	20	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						X Pt. Cloudy	
Sunshine (in tenths of hours)							0.08 0	1.0 0	0.2 0.3	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N W	N N	N	N	N
Wind movement	7	7	7	7	7	6	5	7	7	7	7	9
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	24	23	20	20	20	20	19	19	19	19
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						X	Cloudy →					
Sunshine (in tenths of hours)	1.0	0.7	1.0	0.4	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	12	11	10	10	9	6	6	6	6	7	7
Maximum velocities (exceeding ___ miles) direction and time												

Sunrise: Time, 6:55 Character, Clear
Moonrise:
Sunset: Time, 4:53 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	11	18	

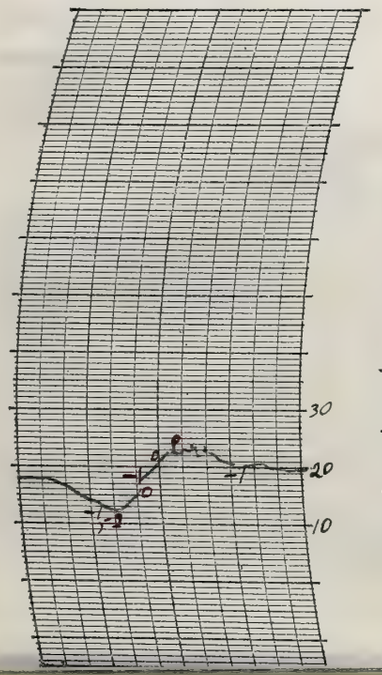
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, .01 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.7 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 77
Prevailing wind direction, NW Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 14 Direction, NW
Time began, 3:55 p.m.
Reduced barometer, 30.30 7 a. m. 30.39 7 p. m.
River gage, 7.8 feet
Relative humidity, 92 7 a. m. 81 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

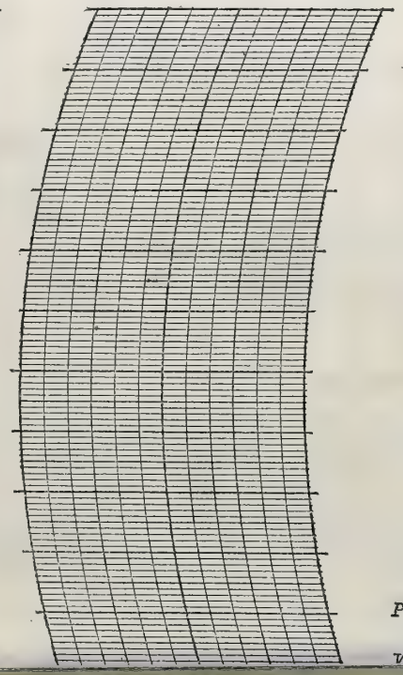
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.9 Wet temperature, 19.2
Dew-point, 12 R. humidity, 62 V. pressure, .070
Clouds: Amount, 4; Kind, Cu.; Direction, NW
Velocity of clouds (miles per hour)

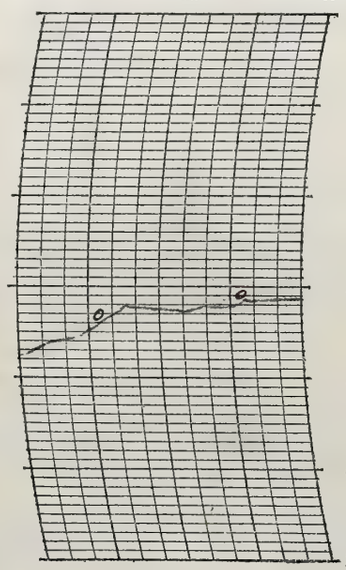
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E.H.H.

NOTES

It gradually became cloudy during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 29 1929, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	19	19	19	19	19	19	20	21	23	24	25	25	24	23	22	22	21	20	19	20	19
														SDB 2:00	SDE 3:00									
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation														T	T									
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.2	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	N	NW	N	NW	N		W	W	W	W	NW	NW	W	W	W	W	W	NW	NW
Wind movement	8	9	8	7	5	5	4	3	3	4	7	9	8	9	10	9	9	8	7	7	8	5	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:55 Character, Cloudy
Moonrise:
Sunset: Time, 4:54 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

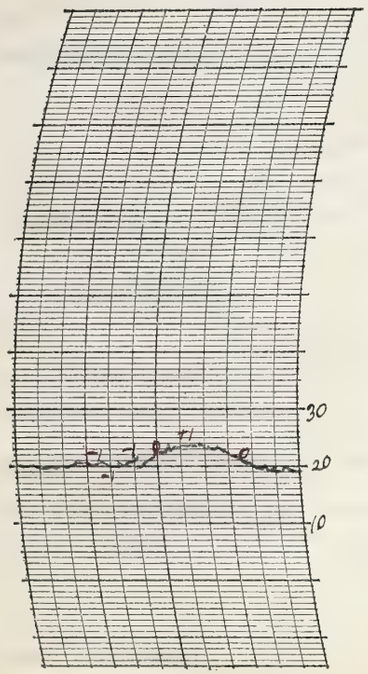
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	25	18	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 2
Prevailing wind direction, NW Total wind, 165
Average hourly velocity, 6.9 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 2:25 pm
Reduced barometer, 30.28 7 a. m. 30.32 7 p. m.
River gage, 6.5 feet
Relative humidity, 78 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.8 Wet temperature, 20.9
Dew-point, 16 R. humidity, 74 V. pressure, 0.85
Clouds: Amount, 10; Kind, st cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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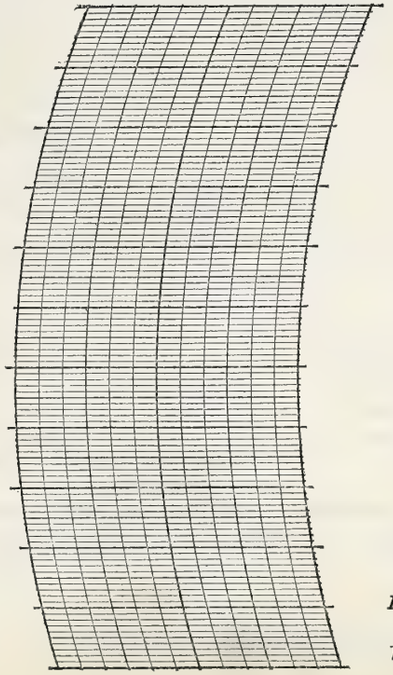

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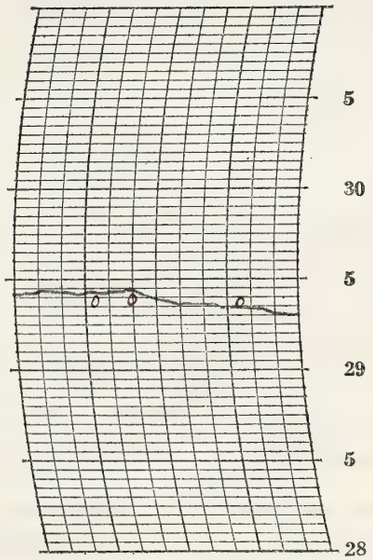


Prepared by
Verified by E.J.H.

8—486

NOTES

A cloudy day with light snow flurries in the afternoon and evening. Streets and sidewalks continue to be covered with ice and some snow

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 30 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	18	17	16	15	15	15	16	17	18	18	19	20	21	22	23	24	23	23	23	23	23	23	22	22
State of weather: Nature of precipitation and time of beginning and ending	SDB DN2	SDE DN2																	SDB 6:35 SDE 6:55					SDB 11:25 Cont.
Amounts of precipitation	T																		T					T
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	N	N	N	NW	N	N	NW	W	NW	NW	N	W	W	W	SW	W	SW	W	NW	S	S	S	S
Wind movement	6	5	5	4	3	4	3	3	4	3	4	4	4	4	5	5	5	4	3	2	5	4	7	7
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:54 Character, Cloudy
Moonrise:

Sunset: Time, 4:55 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

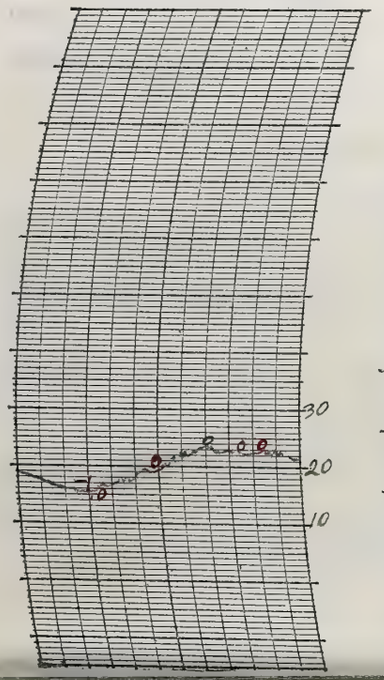
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	15	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 103
Average hourly velocity, 4.3 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 11:05 p.m.
Reduced barometer, 30.23 7 a. m. 30.13 7 p. m.
River gage, 6.0 feet
Relative humidity, 83 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.1 Wet temperature, 18.0
Dew-point, 13 R. humidity, 69 V. pressure, .07
Clouds: Amount, 3; Kind, 2 st 1 strat; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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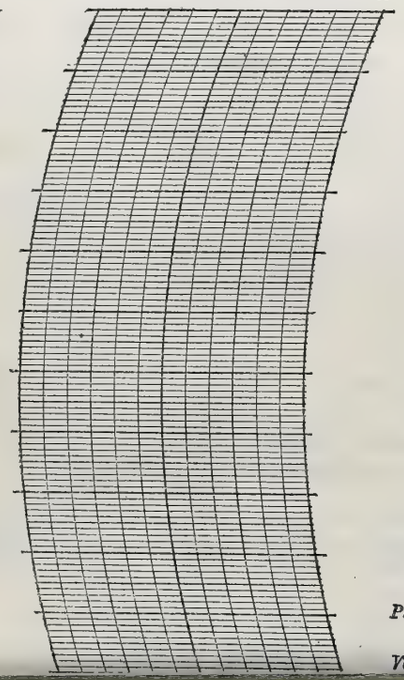
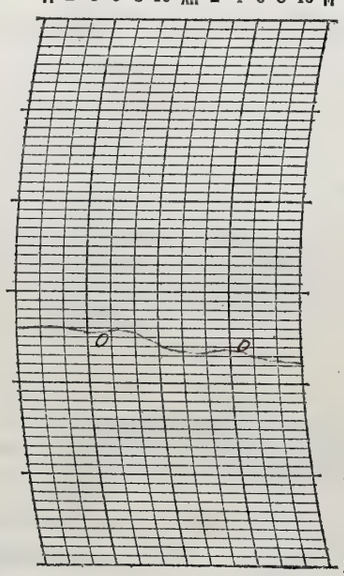


BAROGRAPH.



Prepared by CJS

Verified by E.E.H

NOTES

A cloudy day with some light snow.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 31 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21 SD Cont	21	20	20	19	19	19	18	19	20	23 SDE 10:30	22 SDB 11:25
Nature of precipitation and time of beginning and ending												
Amounts of precipitation				11								
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	SE	SE	SE	E	E	SE	E	E	SE	W
Wind movement	4	5	4	4	4	3	3	4	3	3	3	3

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23 SDE 12:45	23 SDB 1:20	24	24 SDE 3:15 SDB 4:00	23 SDE 4:25	22	20 SDB 6:54	18 SDE 7:30	15 SDB 8:00	12	7	6 SDE DNP
Nature of precipitation and time of beginning and ending												
Amounts of precipitation		01										
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	W	W	W	NW	NW	W	W	W	W	W	W
Wind movement	5	6	6	7	8	10	7	13	13	11	11	10

Sunrise: Time, 6:53 Character, Cloudy

Moonrise: ____ ____

Sunset: Time, 4:57 Character, Cloudy

Moonset: ____ ____

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

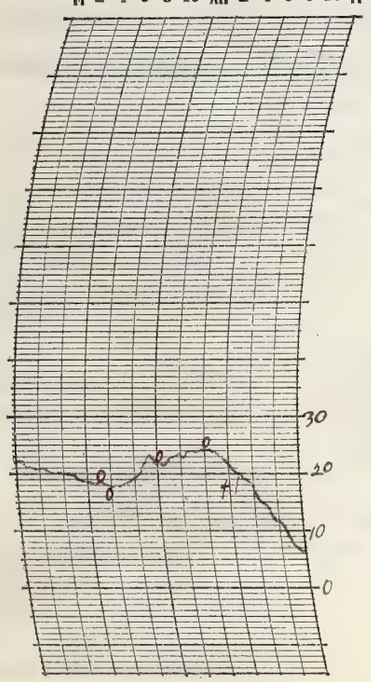
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	6	15	

Total depth of snow for 24 hours ending 7 p. m., 1.5 inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, 1.5 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 18
Maximum velocity, 16 Direction, W
Time began, 8:09 p.m.
Reduced barometer, 29.98 7 a. m. 30.29 7 p. m.
River gage, 5.5 feet
Relative humidity, 94 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.2 Wet temperature, 21.2
Dew-point, 19 R. humidity, 86 V. pressure, .098
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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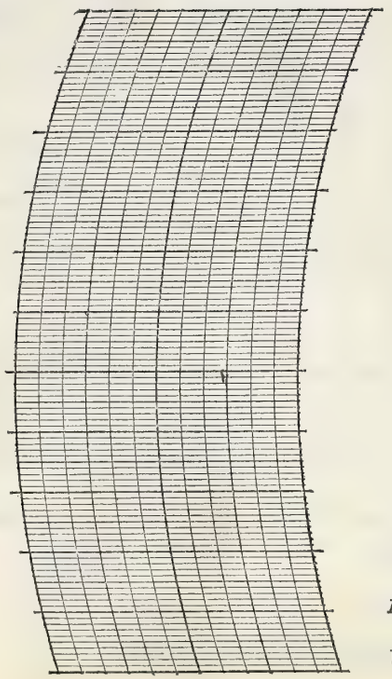
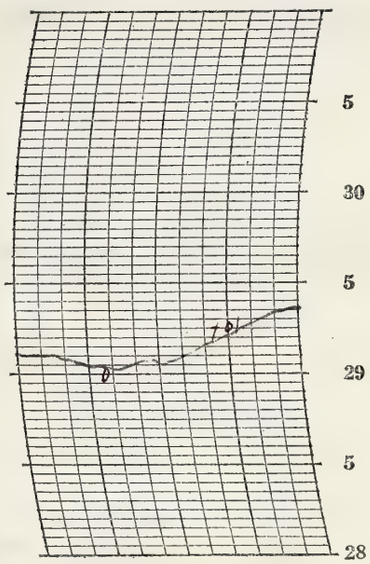


BAROGRAPH.



Prepared by C.J.
Verified by E.H.

8—486

NOTES

The snowfall to 7:00 a.m. since 7:00 p.m. yesterday amounted to 1.4 in. with 1.4 in. of snow on the ground. A light snow fell during most of the day and evening. In the late afternoon the lower clouds parted for a while and the disk of the sun was barely visible through the high clouds. Snow now covers the streets and sidewalks while there is ice underneath the snow.

Cold wave warning 3 received at 8:30 a.m. for "rather severe cold wave tonight." Flag hoisted 8:35 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) Feb 1, 1929, 192

Time (local standard) ____ mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	4	2	1	2	3	4	4	5	6	7	8
State of weather: Nature of precipitation and time of beginning and ending								SDB 7:56			SDE 10:30	SDB 11:25
Amounts of precipitation								T				
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	SW	W	W	W	SW	SW
Wind movement	9	9	9	7	7	6	8	7	8	6	9	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	10	12	12	11	11	11	10	9	9	10	10
State of weather: Nature of precipitation and time of beginning and ending	SDE 12:45	SDB 1:50						SDE 7:40				
Amounts of precipitation								T			T	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	SW	SW	SW	W	W	W	W	W
Wind movement	9	8	6	6	7	6	6	8	7	7	6	6

Sunrise: Time, 6:52 Character, Cloudy

Moonrise:

Sunset: Time, 4:58 Character, Cloudy

Moonset:

Maximum velocities (exceeding 8 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	1	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 1.1 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 176

Average hourly velocity, 7.3 Extreme velocity, 13

Maximum velocity, 13 Direction, W

Time began, 2:07 a.m.

Reduced barometer, 30.43 7 a. m. 30.54 7 p. m.

River gage, 4.3 feet

Relative humidity, 94 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

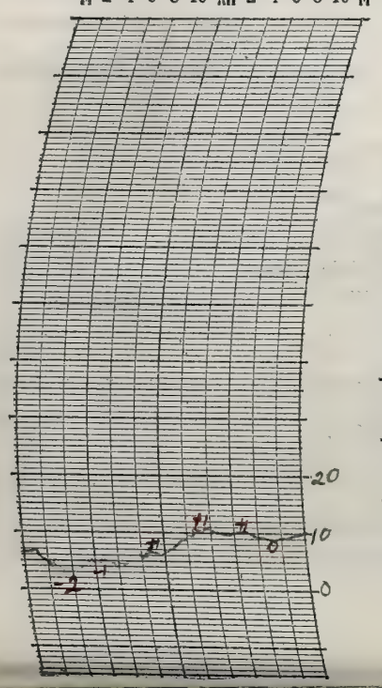
Dry temperature, 8.2 Wet temperature, 7.4

Dew-point, 4 R. humidity, 81 V. pressure, .047

Clouds: Amount, 10; Kind, St; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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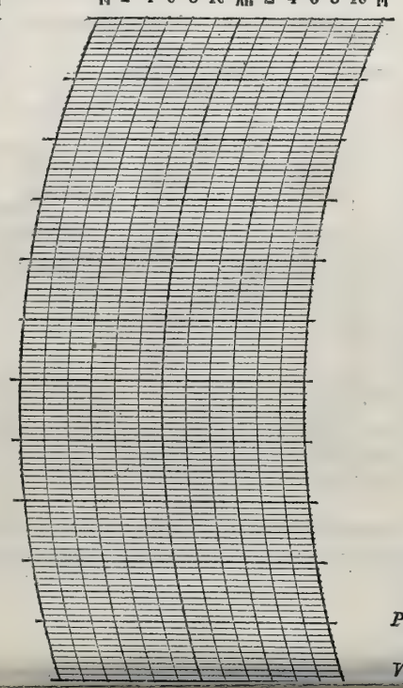
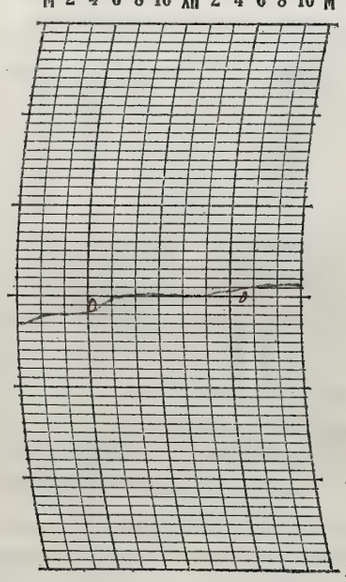


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

A cloudy day with a light to gentle westerly wind prevailing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) Feb 2, 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	11	11	11	12	13	13	13	14	15	16	17	18	18	20	20	21	20	19	18	17	17	16	14	14
							SDP 6:55							SDE 1:10										
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	T	T	T	T	T	T	T										
Cloudiness and other conditions					←						Cloudy			—			Pt. Cloudy		×	Clear			→	
Sunrise: Time, 6:51 Character, Cloudy																					Sunset: Time, 4:59 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.2	0.4	0.4	0							
Wind direction	W	SW	SW	W	W	W	W	W	W	N	NW	NW	N	N	NW	NW	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	4	4	3	3	3	3	3	3	5	5	4	4	4	5	4	3	3	2	2	1	2	2
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

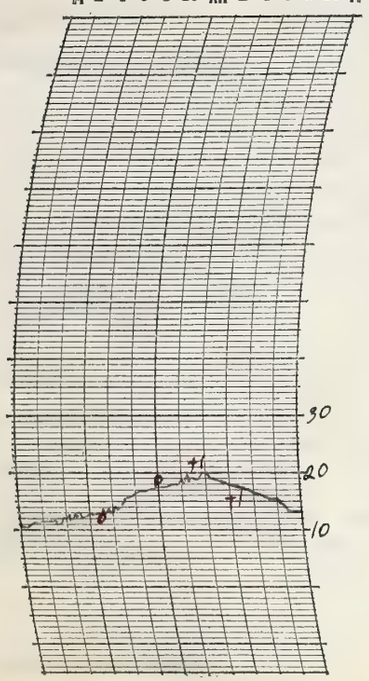
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	21	10	16	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 2 p. m., 1.0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 9
Actual sunshine, hours, 1.0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 10
Prevailing wind direction, NE + W Total wind, 80
Average hourly velocity, 3.3 Extreme velocity, 6
Maximum velocity, 6 Direction, NW
Time began, 11:20 a.m.
Reduced barometer, 30.58 7 a. m. 30.57 7 p. m.
River gage, 2.3 feet
Relative humidity, 92 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 17.9 Wet temperature, 16.9
Dew-point, 14 R. humidity, 84 V. pressure, .077
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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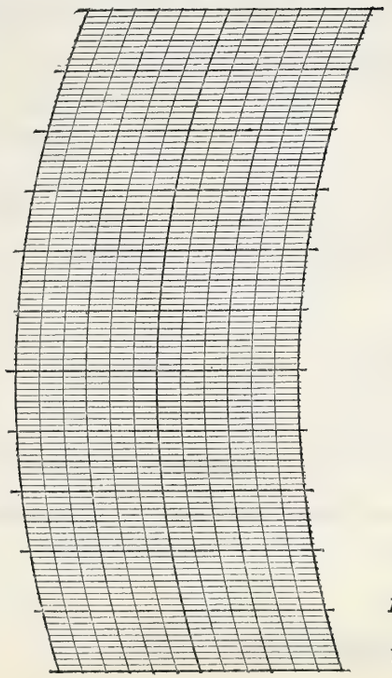
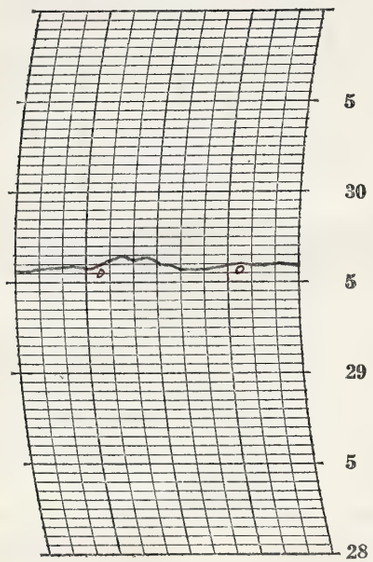


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

3—436

NOTES

Mostly cloudy day. Few very light snow flurries. Sunshine in later part of afternoon. Clear at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) Feb 3, 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	10	10	11	12	13	14	15	16	17	18
State of weather: Nature of precipitation and time of beginning and ending								SDB 7:10			SDE 10:10	
Amounts of precipitation								T				
Cloudiness and other conditions								Cloudy				
Sunrise: Time, 6:50 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	1	2	3	3	2	3	3	4	5	6	5	4
Maximum velocities (exceeding 20 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	19	19	18	17	16	15	15	14	14	13
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt Cldy			Clear					
Sunrise:									Sunset: Time, 5:01 Character, Clear			
Moonrise:									Moonset:			
Sunshine (in tenths of hours)	0.2	1.0	1.0	0.4 0.6	1.0 0	0.02 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	6	6	6	6	7	6	6	4	4	5	6
Maximum velocities (exceeding 20 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
19	10	14	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 10 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 4.4 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 43

Prevailing wind direction, NE Total wind, 108

Average hourly velocity, 4.5 Extreme velocity, 8

Maximum velocity, 8 Direction, NE

Time began, 5:32 p.m.

Reduced barometer, 30.56 7 a. m. 30.49 7 p. m.

River gage, 2.3 feet

Relative humidity, 88 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

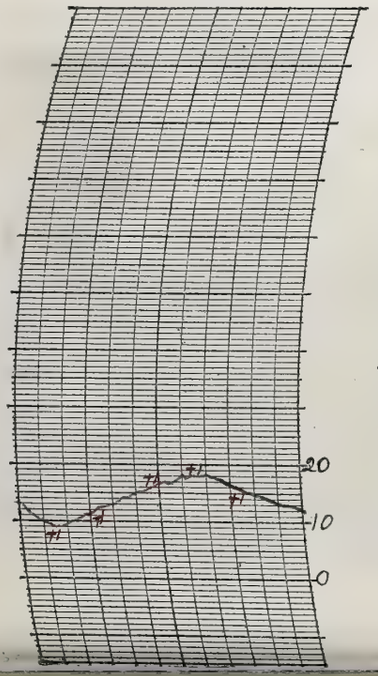
Dry temperature, 17.8 Wet temperature, 17.0

Dew-point, 15 R. humidity, 87 V. pressure, .081

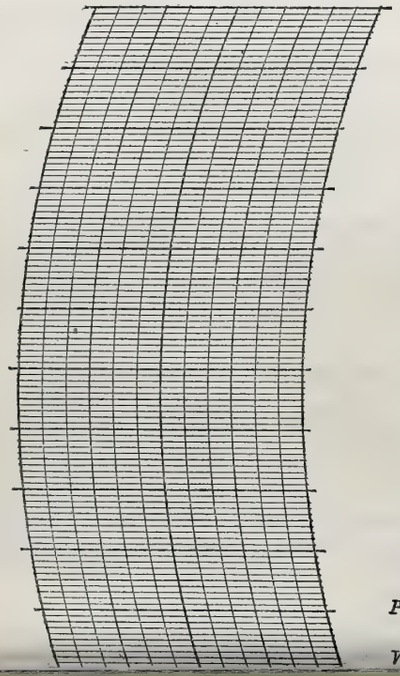
Clouds: Amount, 10; Kind, stcu Direction, SW

Velocity of clouds (miles per hour)

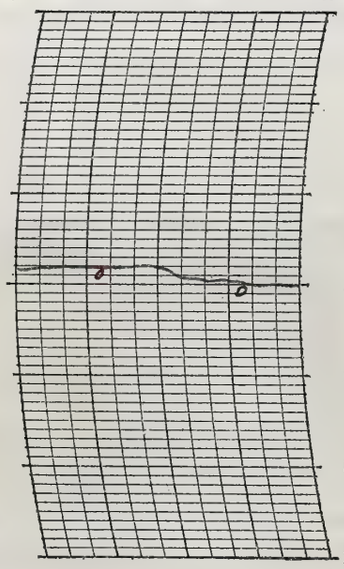
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.L.H

NOTES

Cloudy cold day. Light snow flurries. Streets and walks continue slippery. Clear and cold at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Feb 4 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	10	9	9	9	9	8	11	16	20	22
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Part	Cloudy			
Sunshine (in tenths of hours)							0.18 0	1.0 0	1.0 0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	4	6	4	5	4	4	5	6	6	6	7	9

Sunrise: Time, 6:49 Character, Clear. Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	24	25	24	22	20	19	18	16	15	14	13
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0	0						
Wind direction	E	E	E	NE	NE	NE	E	NE	E	E	E	NE
Wind movement	9	9	10	10	10	8	8	8	10	10	9	8

Sunset: Time, 5:02 Character, Cloudy. Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

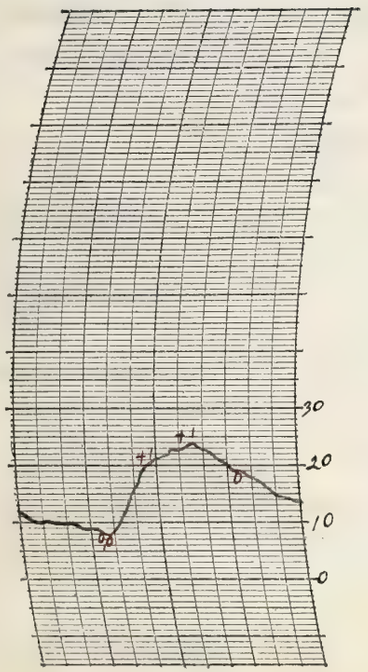
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	7	16	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 88
Prevailing wind direction, NE Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 14
Maximum velocity, 13 Direction, NE
Time began, 2:58 pm
Reduced barometer, 30.41 7 a. m. 30.22 7 p. m.
River gage, 2.4 feet
Relative humidity, 86 7 a. m. 78 7 p. m.

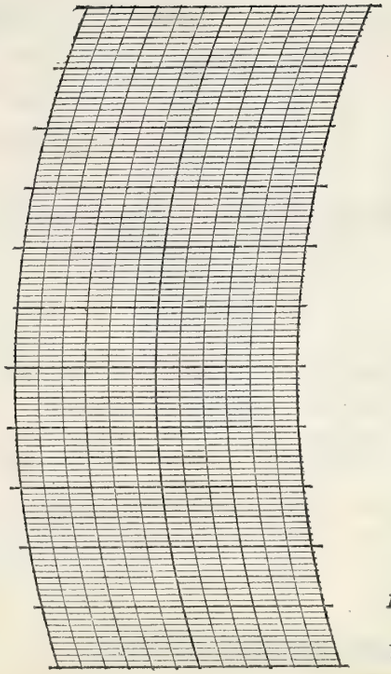
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 22.2 Wet temperature, 19.5
Dew-point, 12 R. humidity, 63 V. pressure, .070
Clouds: Amount, 2; Kind, Cirrus; Direction, NW
Velocity of clouds (miles per hour)

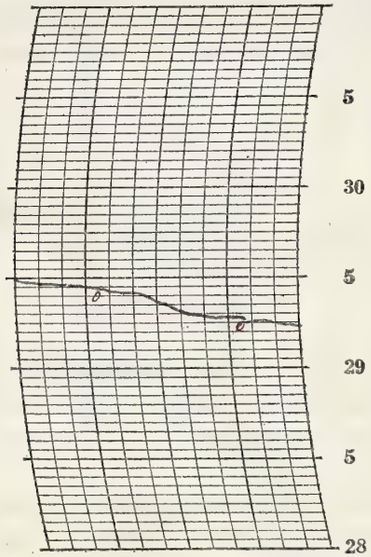
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS

Verified by E.T.T.

8—486

NOTES

The day as a whole was partly cloudy with a light to gentle north east to east wind prevailing

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 5 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	12	12	12	11	11	11	11	13	16	19	25	26	27	28	29	28	28	28	27	26	26 SDB 9:25	25	25 SDE DNP
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																						← T →		
Cloudiness and other conditions					← Pt Cldy								×				Cloudy							→
Sunshine (in tenths of hours)							0	0	0.2	0.2	0.6	1.0	0.5	0	0.1	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE
Wind movement	8	7	7	7	7	7	6	8	8	7	7	7	7	9	8	7	9	7	7	9	7	7	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:48 Character, Cloudy
Moonrise:
Sunset: Time, 5:03 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

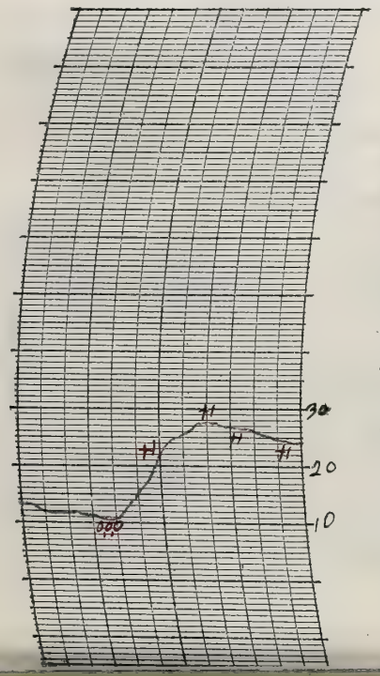
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	11	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 5.8 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.6 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 25
Prevailing wind direction, NE Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 1:44 p.m.
Reduced barometer, 30.12 7 a. m. 30.02 7 p. m.
River gage, 2.8 feet
Relative humidity, 87 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.0 Wet temperature, 21.2
Dew-point, 12 R. humidity, 52 V. pressure, .070
Clouds: Amount, 6; Kind, 2 Cu; Direction, S
Velocity of clouds (miles per hour)

THERMOGRAPH



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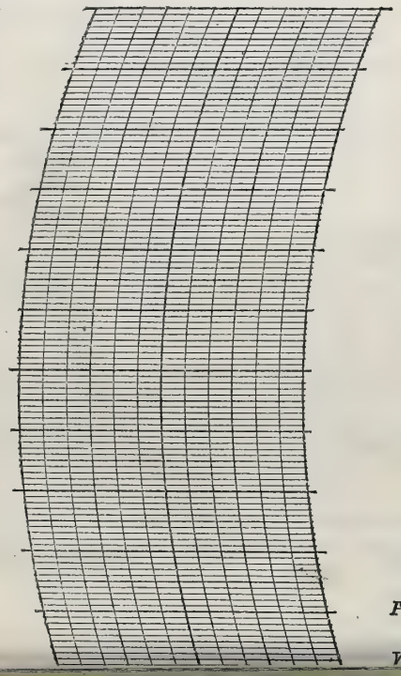
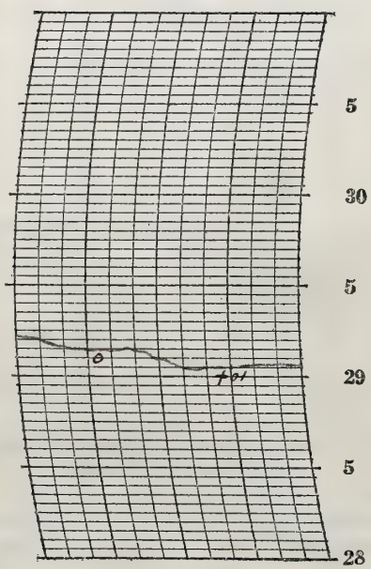


BAROGRAPH.



Prepared by C.H.
Verified by E.H.

NOTES

The sky became cloudy shortly after noon. Sunshine thru broken clouds during the morning. Mostly cloudy in afternoon, very light snow flurries at night. Sidewalks and streets still covered with ice and dangerous.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 6 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	25	25	25	27	27	28	30	31 SPB 10:23	31	31	31	31	31	30	30	30	30	29 SPE 8:15	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation											T				04					T				
Cloudiness and other conditions								Fog					Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N #	N #	N #
Wind movement	6	7	7	7	6	7	7	7	6	6	7	7	8	6	8	6	6	7	6	6	5	5	5	5
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:47 Character, Cloudy
Moonrise:
Sunset: Time, 5:04 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

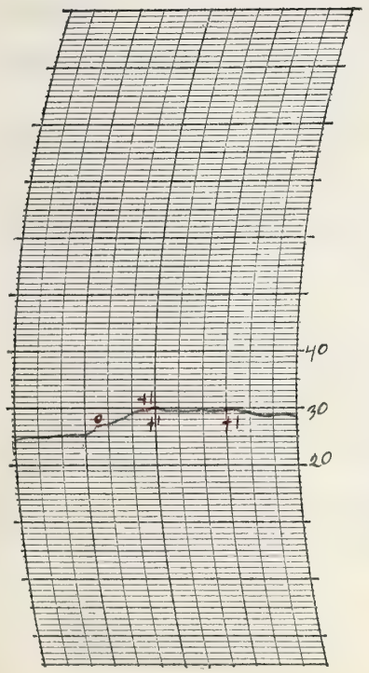
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	25	28	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow, sleet, and hail on ground 7 p. m., 1.6 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 11:09 p.m.
Reduced barometer, 29.98 7 a. m. 29.93 7 p. m.
River gage, 2.3 feet
Relative humidity, 82 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.0 Wet temperature, 31.0
Dew-point, 31 R. humidity, 100 V. pressure, 1.72
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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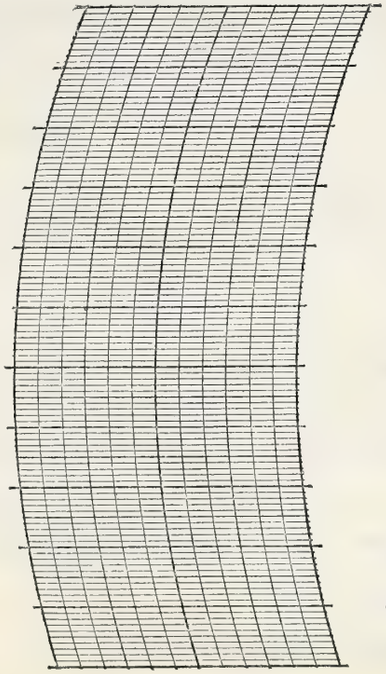
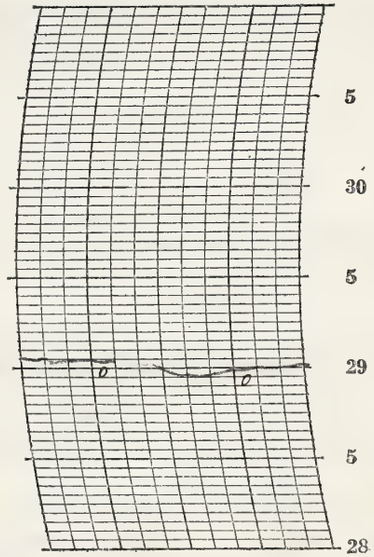


BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

8—486

NOTES

A cloudy day with a light fog from 7:05 a.m. to 10:30 a.m. visibility was very poor. A snow began in the later part of the morning and continued into the evening. Very poor visibility all day.

Clock stopped; minute hand caught on sunshine switch; data interpolated.

Max. velocity midnight a.m. to 12 Noon. 8-NE-8:34 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	28	28	28	28	27	28	29	30	30	31	33	34	35	36	35	33	32	30	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Cloudy													→
Sunrise: Time, 6:45 Character, Cloudy																					Sunset: Time, 5:05 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.5	0.9	1.0	0.2	0	0						
Wind direction	# N	# NW	# NW	# NW	# NW	# NW	NW	NW	NW	W	W	W	NW	W	W	W	SW	SW	SW	SW	SW	N	NE	NE
Wind movement	# 5	5	# 5	# 5	# 5	# 5	5	5	6	6	5	6	3	4	4	4	5	3	3	2	3	4	5	5
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	27	32	

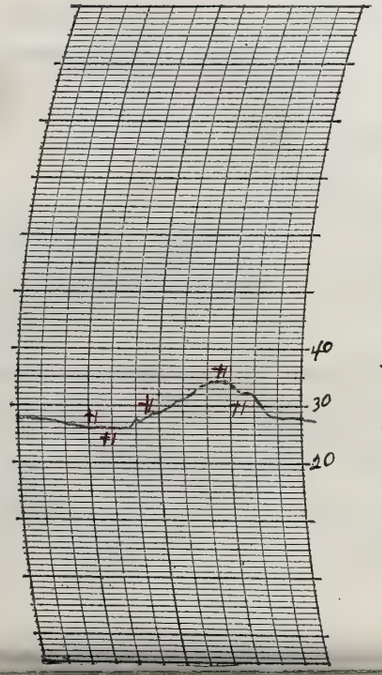
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 1.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.6 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 25
Prevailing wind direction, NW Total wind, 108
Average hourly velocity, 4.5 Extreme velocity, 6
Maximum velocity, 6 Direction, W
Time began, 9:30 am
Reduced barometer, 30.01 7 a. m. 30.09 7 p. m.
River gage, 2.3 feet
Relative humidity, 90 7 a. m. 91 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

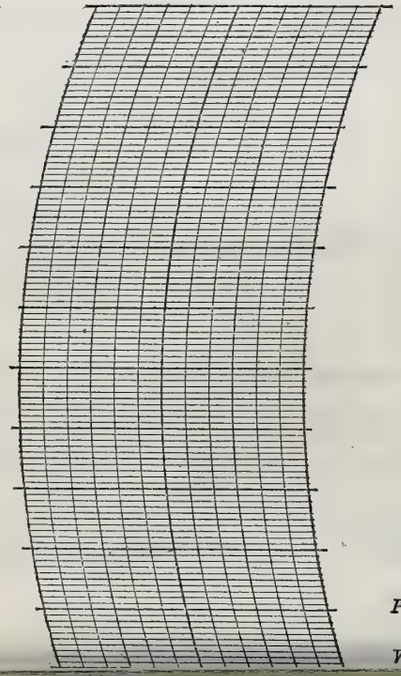
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 30.4 Wet temperature, 28.8
Dew-point, 26 R. humidity, 83 V. pressure, .136
Clouds: Amount, 10; Kind, stratus Direction, NW
Velocity of clouds (miles per hour)

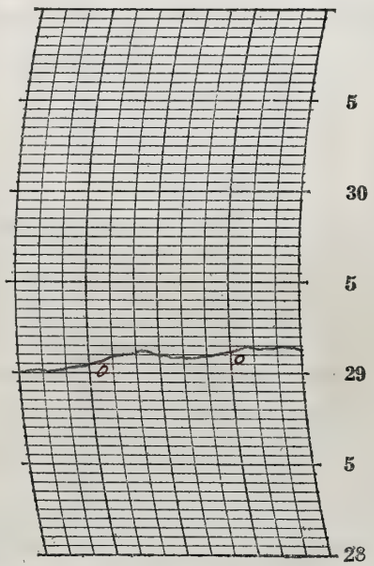
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

Streets and walks continue slippery. Mostly cloudy day - with some sunshine in late afternoon.
Clock stopped; minute hand caught on sunshine switch; data interpolated.
Max velocity noon to midnight pm - 6 - NE - 11:21 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 8 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	28	27	27	27	28	28	30	31	33	34	34	33	33	32	31	30	28	27	27	26
		SDB DNB											SDE 12:15											
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					12						01													
Cloudiness and other conditions									Lt Fog				Cloudy											
Sunrise: Time, 6:44 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 5:07 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.1	0	0	0	0	0						
Wind direction	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W
Wind movement	4	2	2	3	3	3	2	3	2	2	2	5	7	7	6	7	5	6	6	5	7	5	6	6
Maximum velocities (exceeding 21 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	26	30	

Total depth of snow for 24 hours ending 7 p. m., 16 inches.
Snow, sleet, and hail on ground 7 p. m., 22 inches.
Total snowfall, midnight to midnight, 16 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 1
Prevailing wind direction, SW Total wind, 106
Average hourly velocity, 4.4 Extreme velocity, 8
Maximum velocity, 8 Direction, SW
Time began, 8:12 p.m.
Reduced barometer, 30.03 7 a. m. 30.04 7 p. m.
River gage, 2.0 feet
Relative humidity, 94 7 a. m. 88 7 p. m.

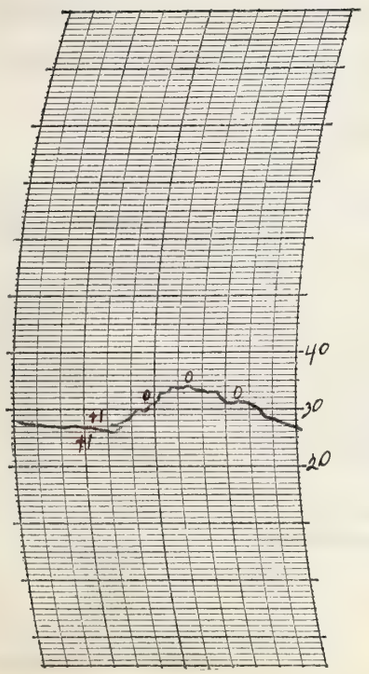
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 30.8 Wet temperature, 30.5
Dew-point, 30 R. humidity, 97 V. pressure, .164
Clouds: Amount, 10; Kind, nb; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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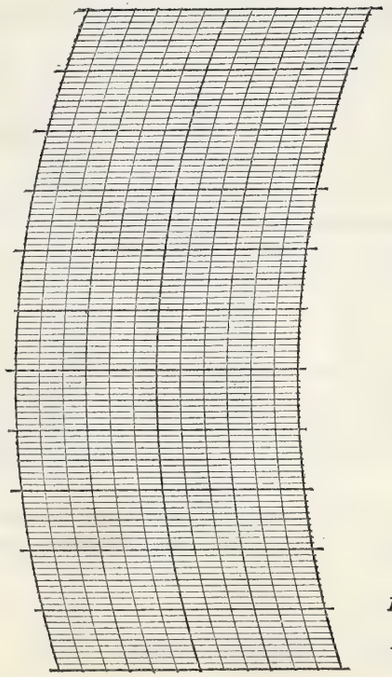
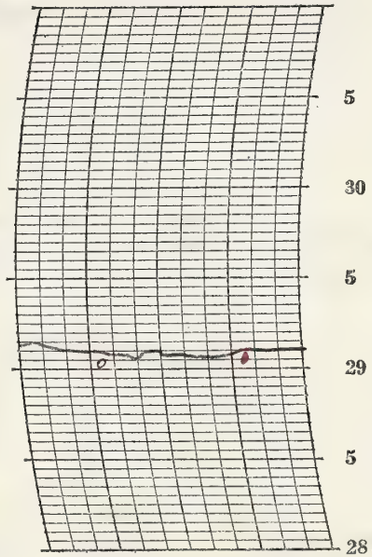


BAROGRAPH.



Prepared by E.H.

Verified by E.L.H.

8—436

NOTES

Cloudy day with light fog most of the morning, clearing somewhat about noon. The snow melted a little during the late afternoon, but froze again by 5:30 p.m. Streets and walks very slippery.

Lt Fog began 7:30 p.m. ended 10:45 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	23	21	20	19	18	17	17	18	18	19
Nature of precipitation and time of beginning and ending		SDB DNB		SDE DNB						SDB 9.10	SDE 10:30	
Amounts of precipitation		← 0.2 →										
Cloudiness and other conditions					←			Cloudy			T	T
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	5	6	6	6	8	8	9	8	7	8	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	22	23	24	23	20	17	16	15	12	11	10
Nature of precipitation and time of beginning and ending										SDB 1.35 SDE 10.00		
Amounts of precipitation										T		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.8	1.0	1.0	0.7	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	10	10	11	12	10	9	8	9	10	9	8	6

Sunrise: Time, 6:43 Character, Cloudy
Moonrise:

Sunset: Time, 5:08 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

State of weather.

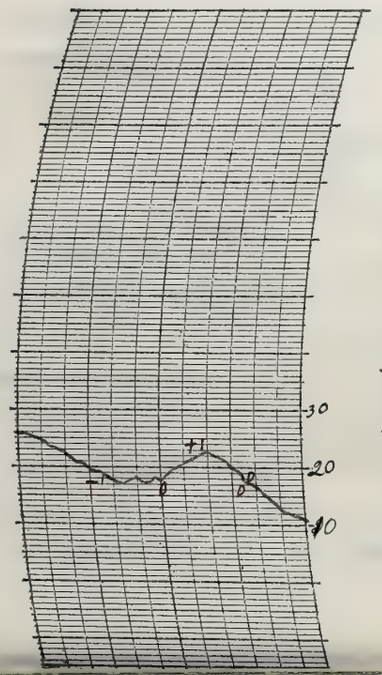
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	10	18	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.5 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 34
Prevailing wind direction, W Total wind, 201
Average hourly velocity, 8.4 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 3:25 p.m.
Reduced barometer, 30.07 7 a. m. 30.14 7 p. m.
River gage, 1.9 feet
Relative humidity, 81 7 a. m. 84 7 p. m.

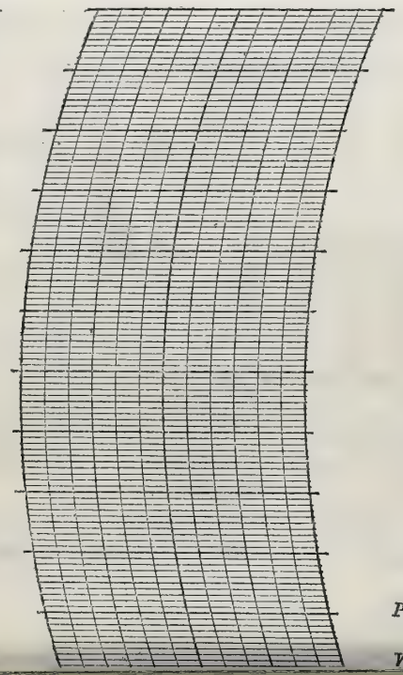
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.3 Wet temperature, 18.0
Dew-point, 15 R. humidity, 80 V. pressure, .081
Clouds: Amount, 10; Kind, St.; Direction, W
Velocity of clouds (miles per hour)

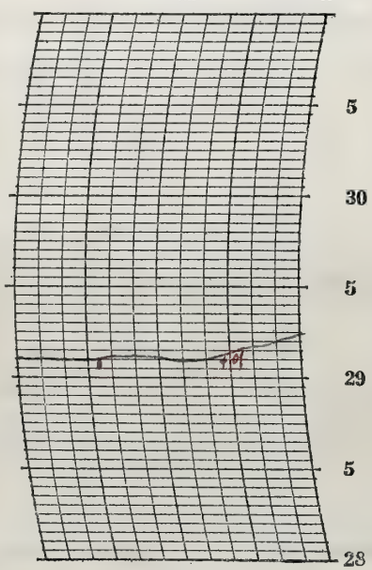
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by EL.H

NOTES

Streets continue very slippery. Cloudy cold day, with (sun shine during the afternoon for a few hours)

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 10 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	6	5	4	2	1	0	1	5	9	13	15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)							0.30 0	1.0 0	0.2 0.8	1.0	1.0	1.0
Wind direction	W	SW	SW	SW	SW	W	W	SW	W	W	SW	W
Wind movement	6	6	6	6	6	6	6	5	4	5	6	8

Sunrise: Time, 6:42 Character, Clear. Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	19	18	18	16	14	13	12	12	12	11	10
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0	0						
Wind direction	W	W	W	W	SW	SW	SW	W	W	SW	W	W
Wind movement	7	7	8	7	6	6	6	6	7	5	6	5

Sunset: Time, 5:09 Character, Cloudy. Moonset:

Maximum velocities (exceeding 21 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

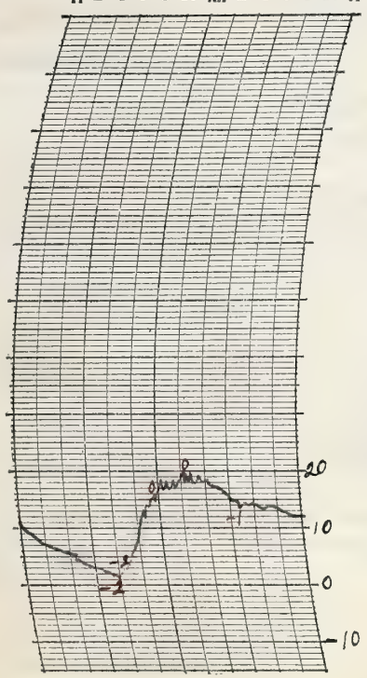
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	−1	10	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.2 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 88
Prevailing wind direction, W Total wind, 146
Average hourly velocity, 6.1 Extreme velocity, 9
Maximum velocity, 9 Direction, W
Time began, 1:41 pm
Reduced barometer, 30.33 7 a. m. 30.36 7 p. m.
River gage, 1.9 feet
Relative humidity, 93 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 14.6 Wet temperature, 13.2
Dew-point, 9 R. humidity, 75 V. pressure, .060
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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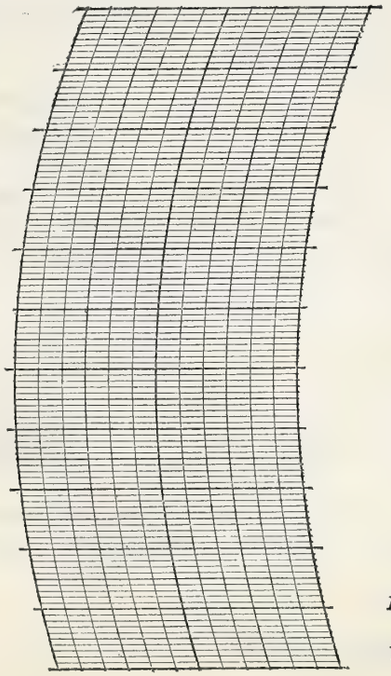
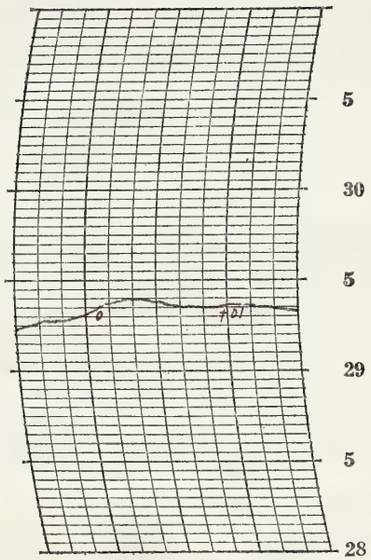


BAROGRAPH.



Prepared by [illegible]

Verified by E.D.A.

8—456

NOTES

A pleasant day although a rather cold west to southwest wind prevailed.

A clear cold day. Few high clouds in late afternoon. Cloudy at night.

Today is Quinquagesima Sunday (Shrove Sunday)

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 11 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	10	9	9	9	10	11	12	14	18	17	16	17	17	18	18	17	17	16	13	12	10	9	8
							SDB 6:25				SDE 10:15			SDB 1:25		SDE 3:10								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	T	T	T	T			T	T	T								
Cloudiness and other conditions					←		Cloudy						×		Pt Cloudy						→			
Sunrise: Time, 6:41 Character, Cloudy																					Sunset: Time, 5:10 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0.1	0.2	0	0.2	0.2	0.3	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	W	W	W	W	W	W	W	W	SW	W	W	W	W	W
Wind movement	5	5	4	5	5	6	5	7	7	9	9	13	14	13	11	10	8	8	8	8	9	7	7	7
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
18	8	13	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 22 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.0 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 10
Prevailing wind direction, W Total wind, 190
Average hourly velocity, 7.9 Extreme velocity, 18
Maximum velocity, 18 Direction, W
Time began, 1:04 p.m.
Reduced barometer, 30.26 7 a. m. 30.36 7 p. m.
River gage, 1.8 feet
Relative humidity, 92 7 a. m. 68 7 p. m.

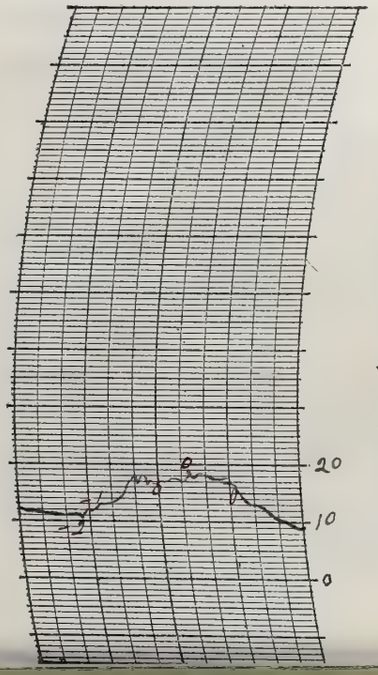
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

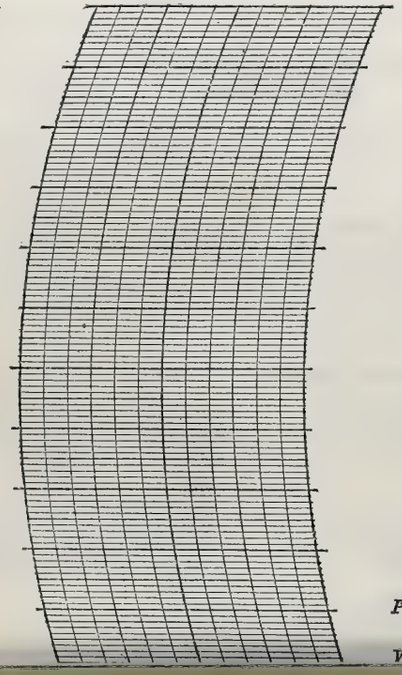
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 16.2 Wet temperature, 15.0
Dew-point, 11 R. humidity, 79 V. pressure, .066
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

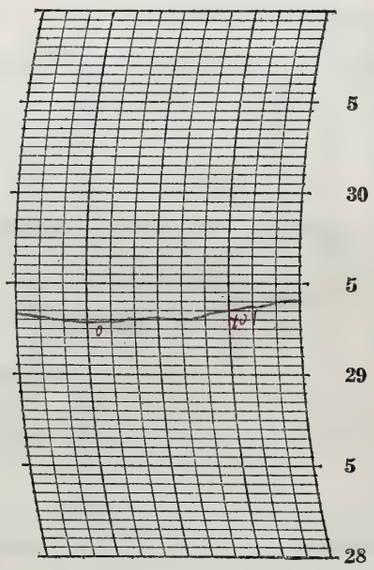
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by

NOTES

The wind veered from south west to west as the sky became partly cloudy. Some stars were seen in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	6	6	4	4	3	3	4	8	14	16	19	21	21	22	22	20	20	20	19	19	19	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						→ Pt Cldy		Cldy →			Pt Cloudy			X Cloudy					→
Sunshine (in tenths of hours)							0.35 0	1.0 0	0.8 0.2	1.0	1.0	0.7	0	0	0.6	0.8	0	0						
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	E	E	E	E	E	E	NE
Wind movement	6	6	5	6	5	9	6	7	6	6	6	4	4	6	6	6	4	3	3	4	3	3	4	5
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6:39 Character, Clear
Moonrise: ____ ____
Sunset: Time, 5:10 Character, Cloudy
Moonset: ____ ____

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

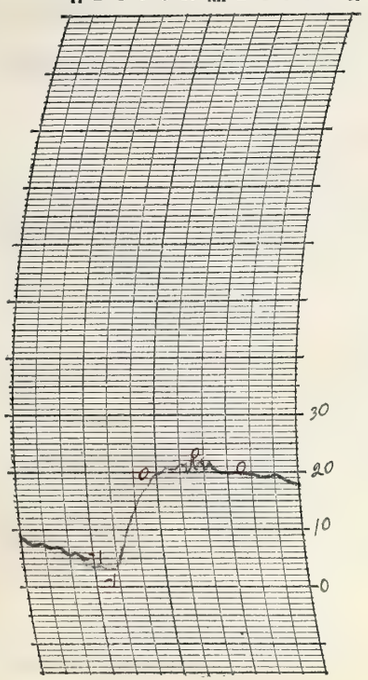
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
22	2	12	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.9 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.4 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 60
Prevailing wind direction, SW Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 5:27 a.m.
Reduced barometer, 30.46 7a.m. 30.34 7p.m.
River gage, 1.7 feet
Relative humidity, 89 7a.m. 64 7p.m.

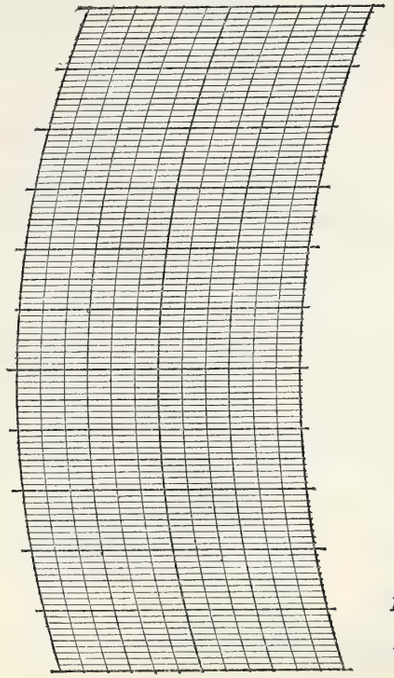
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.2 Wet temperature, 16.4
Dew-point, 8 R. humidity, 57 V. pressure, .057
Clouds: Amount, 10; Kind, 2 st; Direction, W
Velocity of clouds (miles per hour) ____

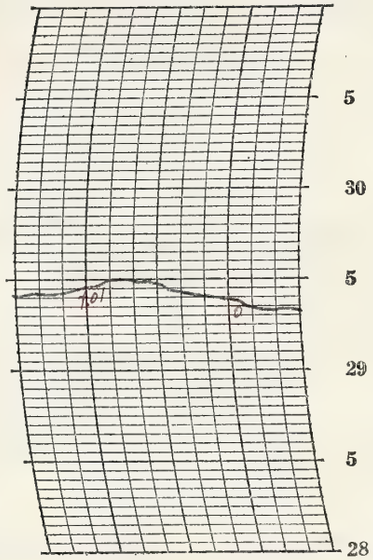
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by O.J.
Verified by E.L.A.

8—486

NOTES

Clear in the early morning becoming cloudy. A light wind shifting from west to northeast prevailed.

Today is Lincoln's Birthday.

A 22° solar halo was observed about noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	16	16	16	17	17	17	18	19	20	23	25	27	27	27	26	25	24	23	24	24	23	23
State of weather: Nature of precipitation and time of beginning and ending			$S^{D}B$ DN8																				$S^{D}E$ 11.00	
Amounts of precipitation					0	1				0	1					0	1				0	1		
Cloudiness and other conditions						Cloudy							PC	Cly				Cloudy						

Sunrise: Time, 6:38 Character, Cloudy
Moonrise:
Sunset: Time, 5:13 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	10	10	10	10	10	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	E	E	E	E	E	NE	NE	NE
Wind movement	5	6	5	5	5	5	4	6	5	4	4	5	5	5	6	7	6	4	6	4	4	5	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

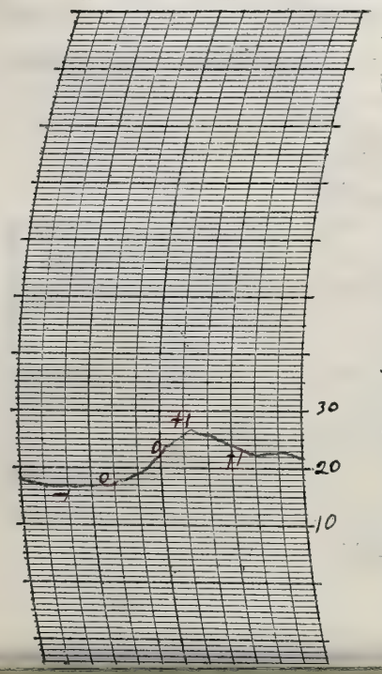
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	16	22	

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.
Snow, sleet, and hail on ground 7 p. m., 2.3 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 47
Prevailing wind direction, E Total wind, 118
Average hourly velocity, 4.9 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 2:34 p.m.
Reduced barometer, 30.15 7 a. m. 30.05 7 p. m.
River gage, 1.7 feet
Relative humidity, 93 7 a. m. 92 7 p. m.

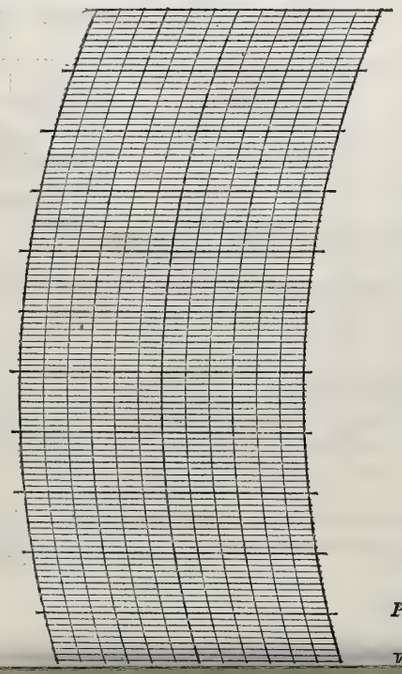
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.9 Wet temperature, 22.0
Dew-point, 20 R. humidity, 88 V. pressure, .103
Clouds: Amount, 10; Kind, st; Direction, SE
Velocity of clouds (miles per hour)

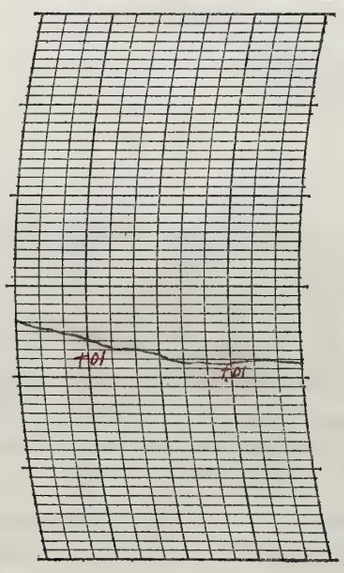
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by

NOTES

Today is Ash Wednesday. Snow fell during most of the day although the sun shone between the clouds during part of the morning and afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 1 - 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	23	24	23	22	20	20	21	19	19	21	24
								SDB 7:50		SDE 9:15		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								T	T	T		
Cloudiness and other conditions					← Cloudy						Pt Cldy	× Clear
Sunshine (in tenths of hours)							0	0	0	0	0	0.3
Wind direction	NE	NE	N	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	1	3	6	7	7	6	7	10	12	11	12

Sunrise: Time, 6:37 Character, Cloudy

Moonrise: ____ ____

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	26	26	26	26	27	27	25	23	22	21	19
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	× Pt Cldy	× Cloudy			× Pt Cloudy				→			
Sunshine (in tenths of hours)	1.0	1.0	0.6	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	14	14	13	11	10	10	10	7	7	8

Sunset: Time, 5:14 Character, Cloudy

Moonset: ____ ____

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	19	23	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase, ____

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 2.9 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 27

Prevailing wind direction, SW Total wind, 216

Average hourly velocity, 9.0 Extreme velocity, 20

Maximum velocity, 18 Direction, SW

Time began, 1:34 pm

Reduced barometer, 30.04 7 a. m. 30.03 7 p. m.

River gage, 6.7 feet

Relative humidity, 94 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

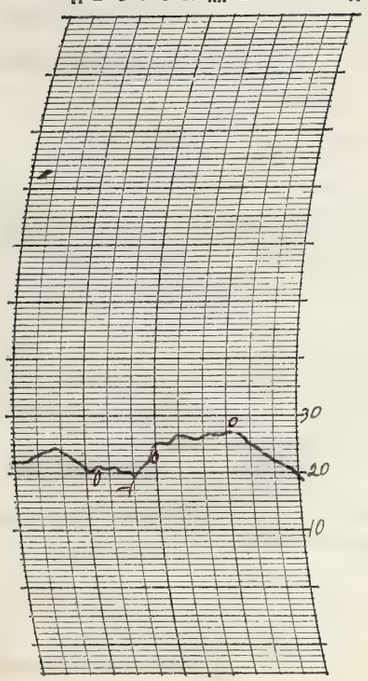
Dry temperature, 24.2 Wet temperature, 22.0

Dew-point, 17 R. humidity, 72 V. pressure, .08.9

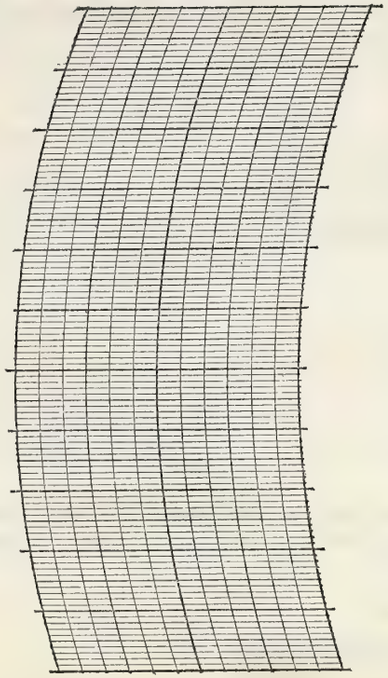
Clouds: Amount, 3; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

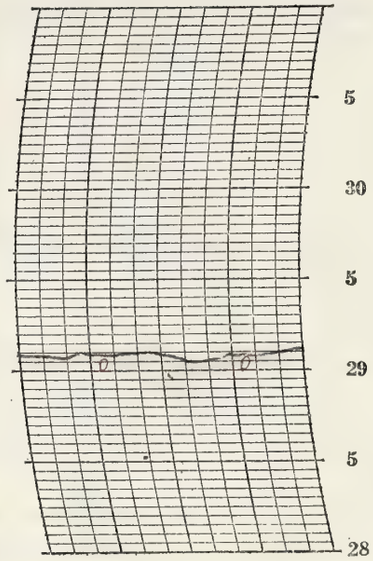
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A light snow fell in the morning, becoming clear towards noon, but again becoming mostly partly cloudy in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 1 1910, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	16	15	16	15	14	16	21	27	30	32	33	33	33	32	32	31	30	29	29	28	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear	×	Pt Cldy	×	Clear	Pt Cldy					×			Cloudy				→
Sunshine (in tenths of hours)							0.42 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	11	10	9	9	8	8	9	9	8	9	8	10	11	9	8	8	6	8	10	11	11	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:35 Character, Clear
Moonrise:
Sunset: Time, 5:15 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

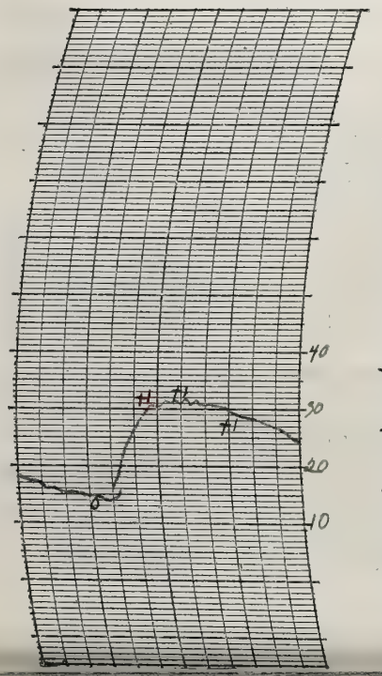
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	14	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.1 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind, 217
Average hourly velocity, 9.0 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 8:01 p.m.
Reduced barometer, 30.05 7 a. m. 29.90 7 p. m.
River gage, 1.6 feet
Relative humidity, 92 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 29.8
Dew-point, 27 R. humidity, 77 V. pressure, 149
Clouds: Amount, 3/2; Kind, Ci St Ci Cu; Direction, SW SW SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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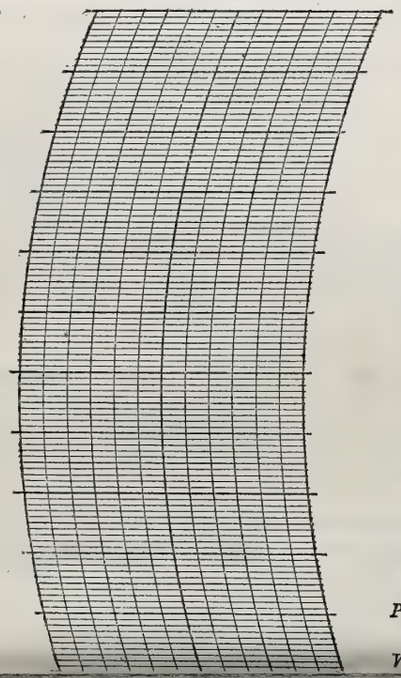
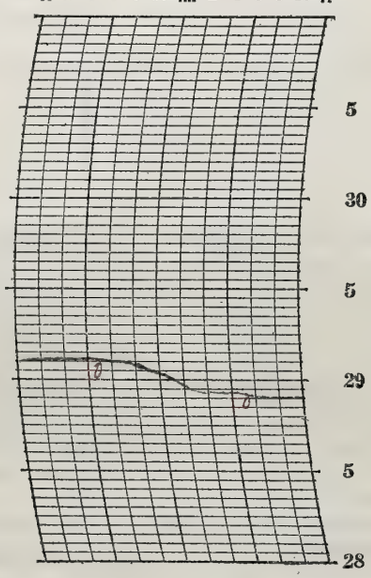


BAROGRAPH.



Prepared by J.J.

Verified by E.L.H

NOTES

A faint 22° lunar halo was observed in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 16 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	22	21	21	21	20	22	25	30	33	35	36	38	38	37	36	36	35	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear						→	Pt Cldy			→	Cloudy				→
Sunshine (in tenths of hours)							0.43 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	10	9	9	10	9	9	8	7	8	6	10	13	15	16	15	14	11	10	9	11	11	13	11	9
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6:34 Character, Clear
Moonrise:
Sunset: Time, 5:16 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

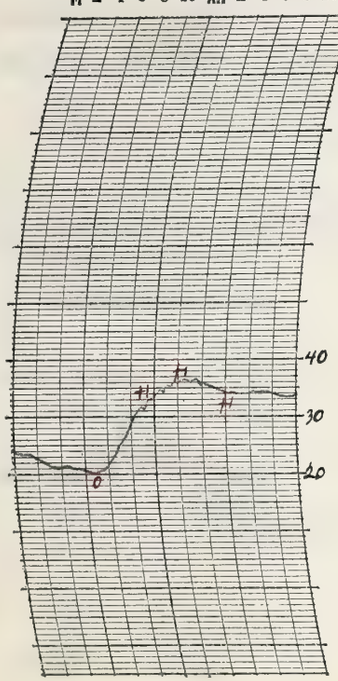
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	20	29	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 18 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.5 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind, 253
Average hourly velocity, 10.5 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 1:22 p.m.
Reduced barometer, 29.91 7 a. m. 29.83 7 p. m.
River gage, 1.6 feet
Relative humidity, 92 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.3 Wet temperature, 32.9
Dew-point, 30 R. humidity, 78 V. pressure, 164
Clouds: Amount, 3; Kind, ci st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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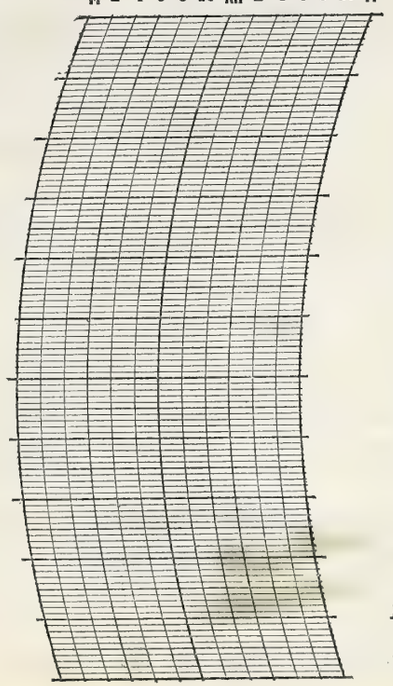
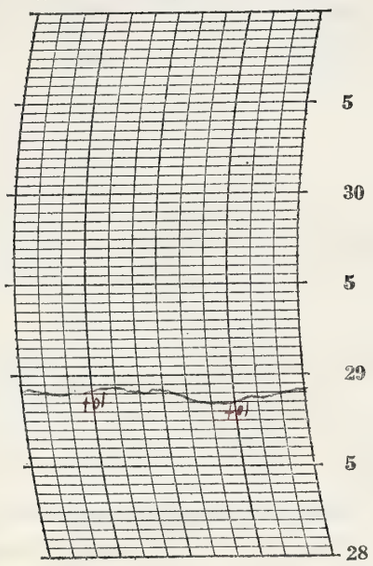


BAROGRAPH.



Prepared by CJ.
Verified by E.L.H.

8—486

NOTES

A mostly clear day with increasing cloudiness in the afternoon and becoming cloudy at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	31	30	30	29	29	30	30	32	33	34	37	41	42	42	41	40	39	38	38	37	37	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Cloudy										Dly Clear		→			
Sunshine (in tenths of hours)							0	0	0	0	0	0.2	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	SW	W	NW	NW	NW	N	N	N	NE	E	SE	SE	SE	S	S	S	SE	SE	S	S	S	S	S	SW
Wind movement	7	6	9	7	5	4	3	1	2	2	4	3	5	7	7	7	5	4	8	9	8	10	12	10
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6:33 Character, Cloudy
Moonrise:
Sunset: Time, 5:18 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

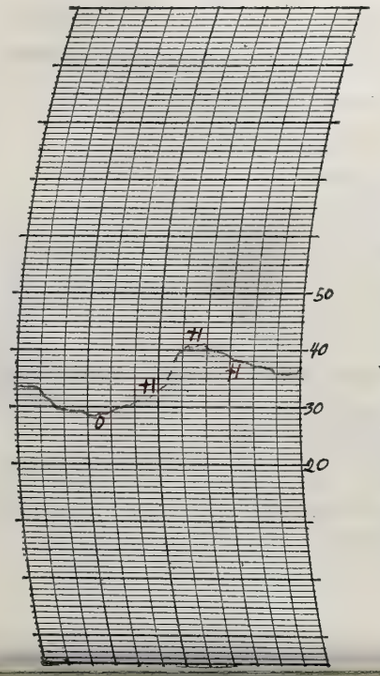
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	29	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.7 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 44
Prevailing wind direction, S ~~SE~~ Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 10:15 p.m.
Reduced barometer, 30.00 7 a. m. 29.86 7 p. m.
River gage, 1.6 feet
Relative humidity, 81 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.2 Wet temperature, 31.2
Dew-point, 27 R. humidity, 72 V. pressure, 143
Clouds: Amount, 8 ; Kind, 2 ; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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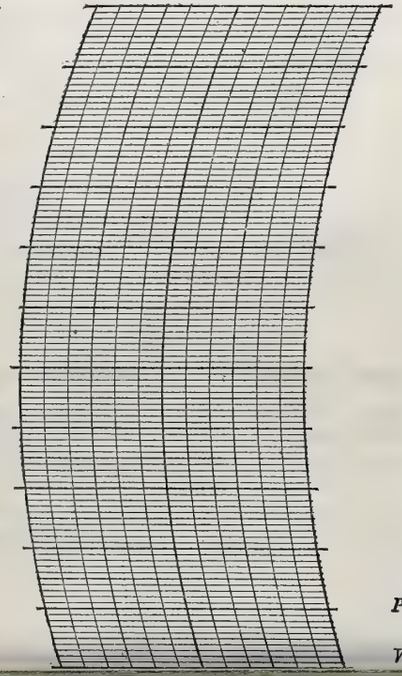
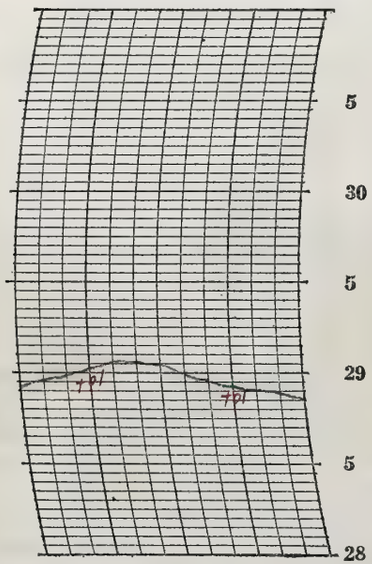


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H

NOTES

A cloudy morning with high clouds covering more and more of the sky in the afternoon. Temperatures became quite warm. Snow commenced melting and the ground to thaw in the exposed place. A 22° Lunar halo was first observed at 6:40 p.m.

Cold wave warning received 3:03 p.m. for "cold wave Monday"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 10 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	35	32	27	28	28	27	25	25	24	23 SDB 11:05	22	22 SDE 2:00	22	22	20	19	18	17	16 SDB 8:40	14	13	13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation												T	T	T								08		
Cloudiness and other conditions									Cloudy				X	Pt Cloudy								Cloudy		
Sunshine (in tenths of hours)							0	0	0	0.2	0	0	0.6	1.0	1.0	0.1	0	0						
Wind direction	SW	SW	W	W	W	W	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	N	N	NW	N	N	W	N
Wind movement	14	13	13	13	16	11	10	13	13	10	11	10	10	8	8	7	7	7	7	8	8	7	8	8

Sunrise: Time, 6:31 Character, Cloudy
Moonrise:
Sunset: Time, 5:19 Character, Cloudy
Moonset:

Maximum velocities (exceeding 50 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

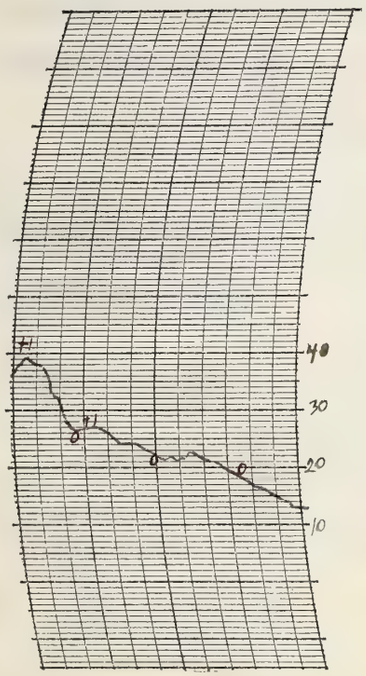
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	13	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 1.5 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.8 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.9 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 27
Prevailing wind direction, NW Total wind, 240
Average hourly velocity, 10.0 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 4:30 a.m.
Reduced barometer, 30.04 7 a. m. 30.20 7 p. m.
River gage, 1.7 feet
Relative humidity, 71 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.9 Wet temperature, 20.4
Dew-point, 14 R. humidity, 66 V. pressure, .227
Clouds: Amount, 10; Kind, St cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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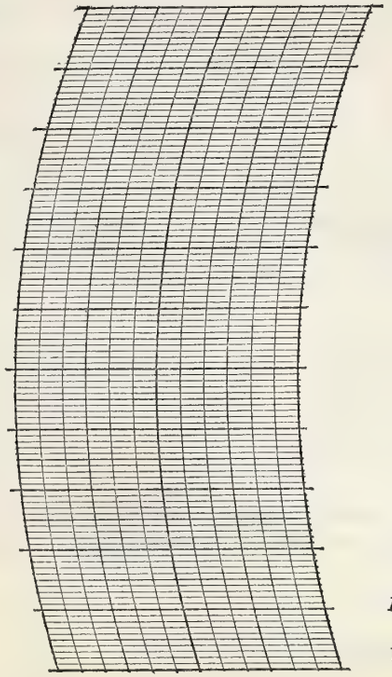
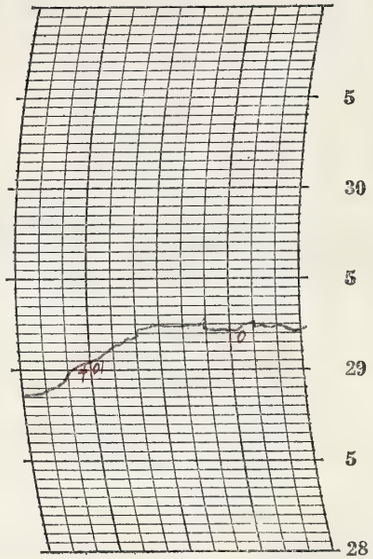


BAROGRAPH.



Prepared by EJ.
Verified by E.E.H.

8—436

NOTES

A 22° solar halo was observed in the afternoon.

A light snow fell around noon and another snow fell in the evening and continued. The evening snow covered the ground until there was over an inch of snow by about 11 p.m. Temperatures fell during most of the day.

Cold wave warning received 8:20 a for "moderate cold wave Tuesday." Flag hoisted 8:25 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	10	9	9	9	8	8	8	9	10	11	12	14	15	15	13	11	9	7	6	4	3	3
State of weather: Nature of precipitation and time of beginning and ending														SPE 1:30p										
Amounts of precipitation			0.5							0.2					T									
Cloudiness and other conditions								Cloudy							Pt Cldy					Clear				
Sunshine (in tenths of hours)							0	0	0	0	0	0.9	1.0	1.0	1.0	1.0	0.3 / 0.7	0.33 / 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	N	N	N
Wind movement	7	8	9	10	9	8	9	9	10	11	10	8	10	10	9	8	7	8	6	5	5	5	5	4
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:30 Character, Cloudy
Moonrise:
Sunset: Time, 5:20 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

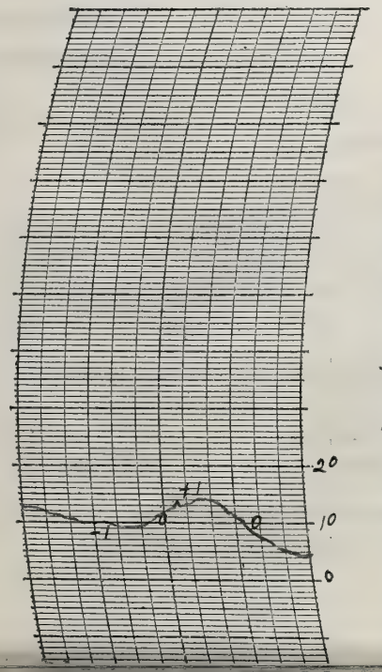
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	3	9	

Total depth of snow for 24 hours ending 7 p. m., 3.0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 1.5 inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, 0.7 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.2 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 57
Prevailing wind direction, N ~~NE~~ Total wind, ~~#~~ 190
Average hourly velocity, 4.5 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 10:01 a.m.
Reduced barometer, 30.12 7 a. m. 30.16 7 p. m.
River gage, 2.0 feet
Relative humidity, 95 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 10.9 Wet temperature, 10.1
Dew-point, 7 R. humidity, 83 V. pressure, .054
Clouds: Amount, 3; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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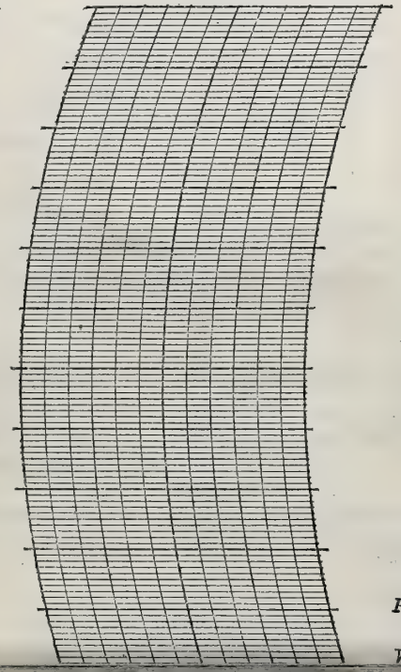
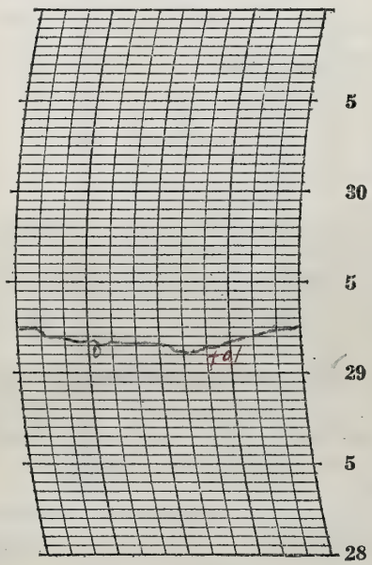


BAROGRAPH.



Prepared by CHB
Verified by EJH

NOTES

Snow fell during the morning and into the early afternoon. Street and sidewalks slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 20 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	2	1	-1	-2	-2	-1	2	5	8	12	14	15	14	14	13	13	13	12	11	11	11	11	11
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear					Pt Cloudy						Cloudy					
Sunshine (in tenths of hours)							0.52 0	0.1 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0						
Wind direction	N	N	N	N	N	N	N	N	E	E	S E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	2	2	3	2	1	1	1	4	5	6	3	4	6	7	7	5	5	5	5	5	4	5	4
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:29 Character, Clear
Moonrise:

Sunset: Time, 5:21 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

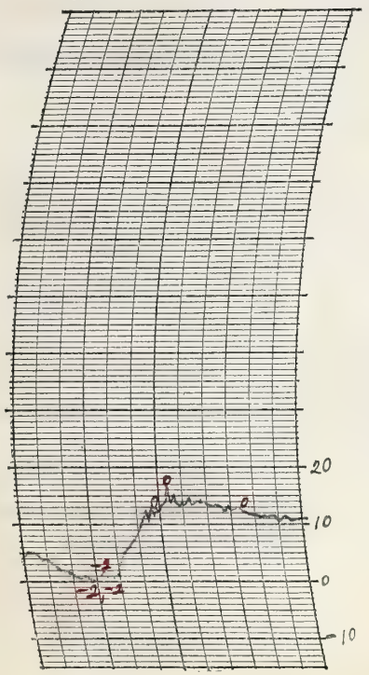
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
17	-2	8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.0 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 73
Prevailing wind direction, E Total wind, 95
Average hourly velocity, 7.0 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 2:49 p.m.
Reduced barometer, 30.29 7 a. m. 30.10 7 p. m.
River gage, 1.9 feet
Relative humidity, 93 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 13.9 Wet temperature, 11.9
Dew-point, 5 R. humidity, 63 V. pressure, .049
Clouds: Amount, 7; Kind, cist.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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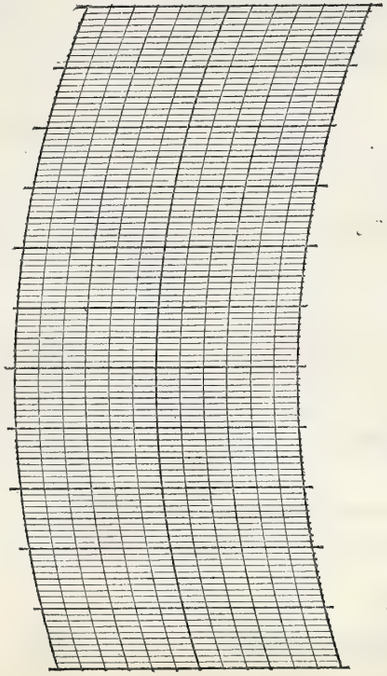
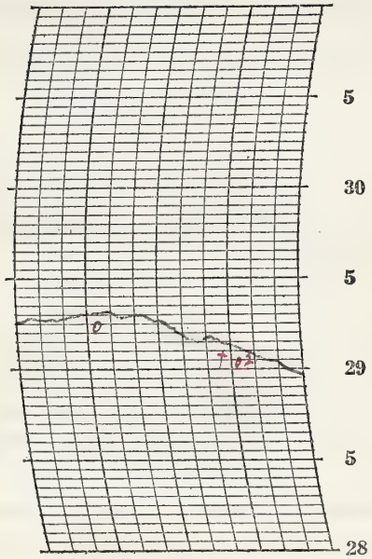


BAROGRAPH.



Prepared by C.S.
Verified by E.L.H.

NOTES

A mostly clear morning becoming cloudy towards night. Quite cold near sunrise and becoming warmer during the day.

A dense smoke prevailed from 7:05 a.m. to 7:55 a.m.

8—436

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) FEB 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	10	11	12	13	15	15	16	20	22	24
Nature of precipitation and time of beginning and ending								S D B 7:45		S D E 9:30		
Amounts of precipitation									← 01 →			
Cloudiness and other conditions					←		Cloudy			X Pt Cldy	X Clear	
Sunrise: Time, 6:27 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0
Wind direction	E	E	E	E	E	SE	SW	SW	SW	SW	W	SW
Wind movement	5	3	4	3	1	3	3	5	8	8	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	29	29	30	30	31	31	30	29	28	26	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		X Pt Cldy						Cloudy				→
Sunrise: Time, Character,												
Moonrise:									Sunset: Time, 5:22 Character, Cloudy			
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	0.3	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	13	10	9	9	9	11	13	12	14	13	15

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

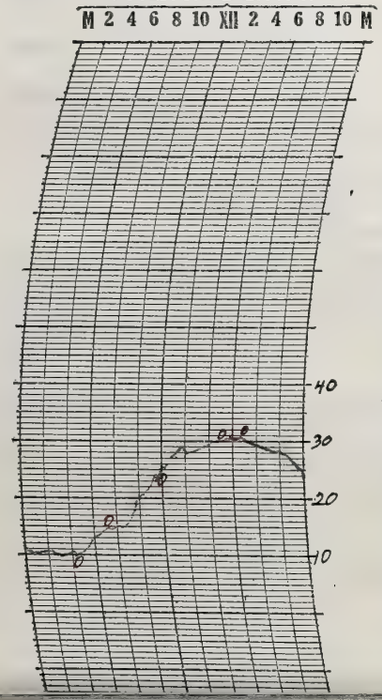
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	10	20	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 2.0 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 4.7 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 43
Prevailing wind direction, SW Total wind, 201
Average hourly velocity, 8.4 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 11:31 p.m.
Reduced barometer, 29.85 7 a. m. 29.74 7 p. m.
River gage, 1.8 feet
Relative humidity, 82 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.1 Wet temperature, 22.0
Dew-point, 18 R. humidity, 73 V. pressure, 0.23
Clouds: Amount, 3; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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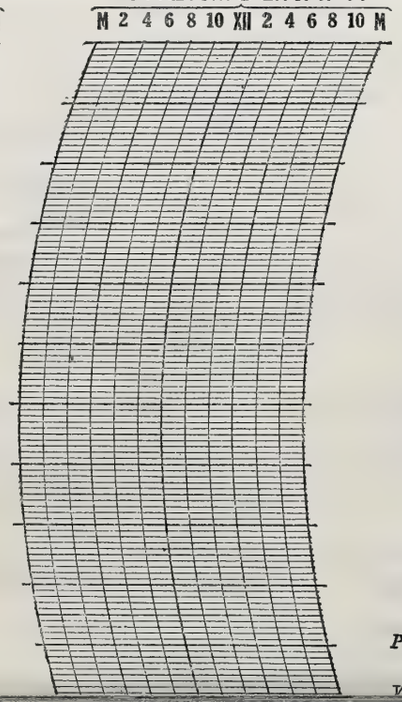
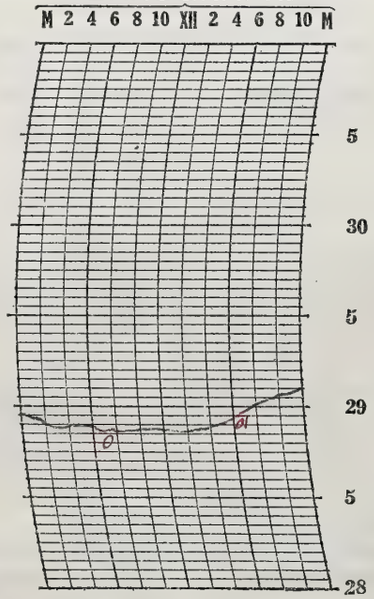


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H

NOTES

Cloudy in the morning becoming clear around noon, but again cloudy by night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Friday~~, (Date) FEB 22 1929, 192

Time (local standard) 90 mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	19	16	15	13	12	10	9	10	13	17	18	19	20	21	19	18	17	15	14	12	12	11	9
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy				→ Clear				→ Pt Cloudy				→			Clear				
Sunrise: Time, 6:26 Character, Cloudy																					Sunset: Time, 5:24 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.40 0						
Wind direction	W	W	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	13	10	11	8	7	8	6	8	10	10	10	13	12	13	12	12	11	8	7	9	8	8	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

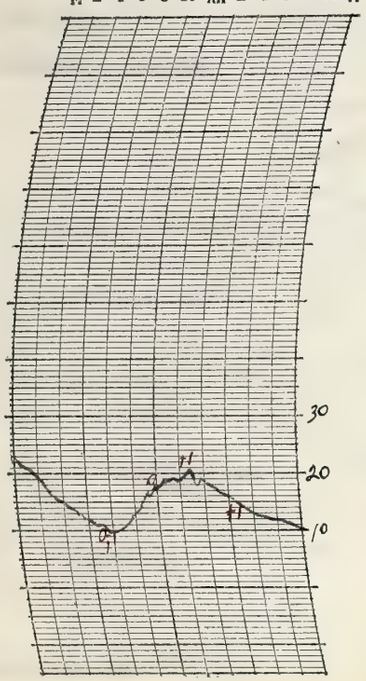
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	9	16	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 15 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 88
Prevailing wind direction, W Total wind, 229
Average hourly velocity, 9.5 Extreme velocity, 16
Maximum velocity, 16 Direction, W
Time began, 3:11 p.m.
Reduced barometer, 30.27 7 a. m. 30.38 7 p. m.
River gage, 2.0 feet
Relative humidity, 91 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.2 Wet temperature, 16.3
Dew-point, 11 R. humidity, 70 V. pressure, .066
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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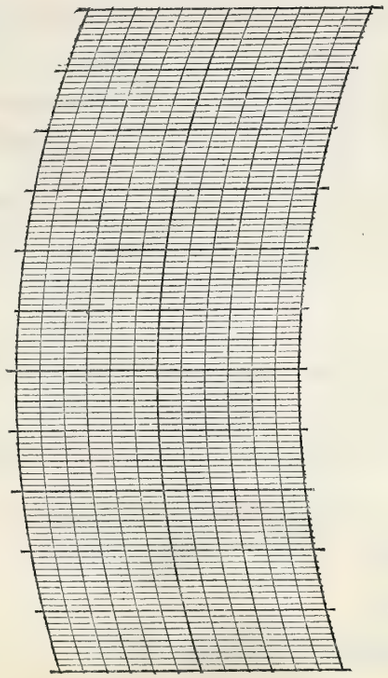
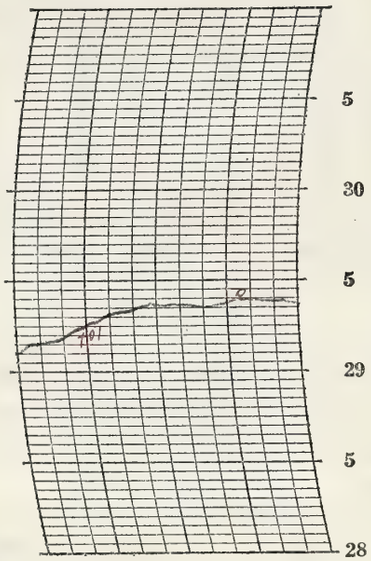


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Today is Washington's Birthday. Cold and partly cloudy during the morning but clear most of the day. Pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	8	9	12	15	16	18	19	19	22	23	27	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cloudy				Cldy	
Sunshine (in tenths of hours)							0.60 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	8	9	7	7	8	7	7	6	6

Sunrise: Time, 6:24 Character, Clear
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	35	36	37	36	35	34	33	32	31	31	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy		Pt Cldy				Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	0.42 0						
Wind direction	SW	SW	SW	S	S	S	SE	SE	S	S	S	S
Wind movement	8	7	8	9	8	5	4	5	7	8	9	10

Sunset: Time, 5:25 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	8	22	

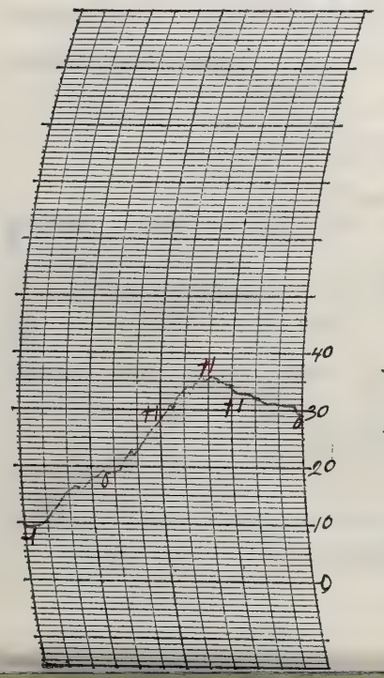
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 182
Average hourly velocity, 7.6 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 12:32 a. m.
Reduced barometer, 30.33 7 a. m. 30.21 7 p. m.
River gage, 1.9 feet
Relative humidity, 65 7 a. m. 65 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 28.9 Wet temperature, 25.1
Dew-point, 18 R. humidity, 58 V. pressure, 093
Clouds: Amount, 9; Kind, ci st Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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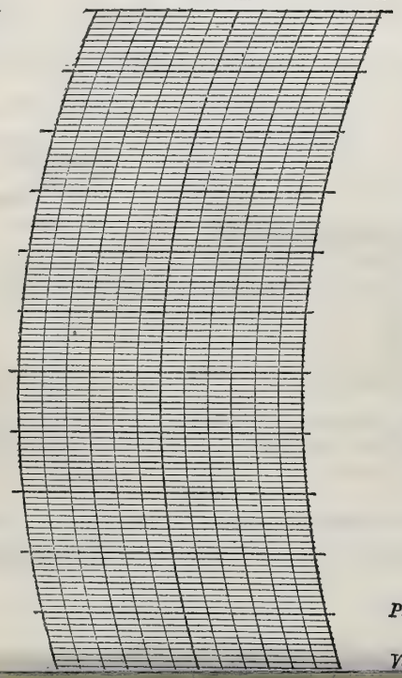
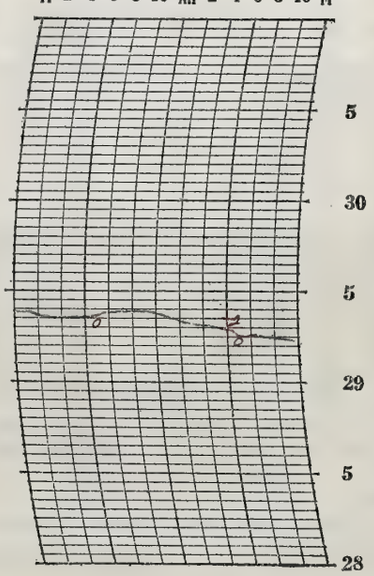


BAROGRAPH.



Prepared by CW

Verified by E.L.H

NOTES

22° Lunar halo observed in the mid-evening. Clear mild pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	32	33	33	33	34	34	36	38	41	44	44	46	47	46	45	43	43	43	42	41	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Cloudy									→			
Sunshine (in tenths of hours)							0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0						
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	12	12	13	12	11	11	10	11	13	12	11	11	10	10	10	8	5	6	5	2	1	1	3
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:23 Character, Cloudy
Moonrise:
Sunset: Time, 5:26 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

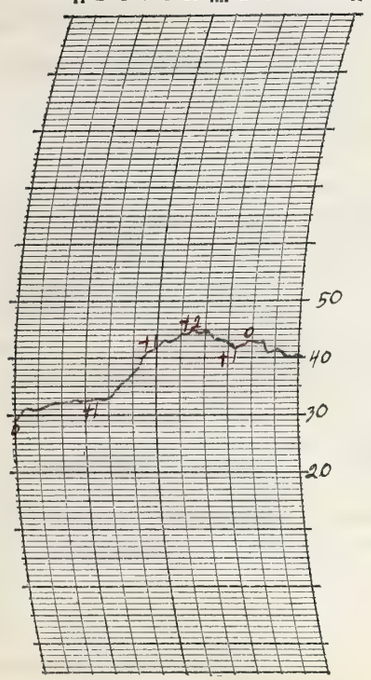
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	29	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.2 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 7.5
Prevailing wind direction, SW Total wind, 211
Average hourly velocity, 8.8 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 9:03 am
Reduced barometer, 30.07 7 a. m., 30.06 7 p. m.
River gage, 1.7 feet
Relative humidity, 62 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.8 Wet temperature, 36.6
Dew-point, 26 R. humidity, 47 V. pressure, 136
Clouds: Amount, 9; Kind, cist; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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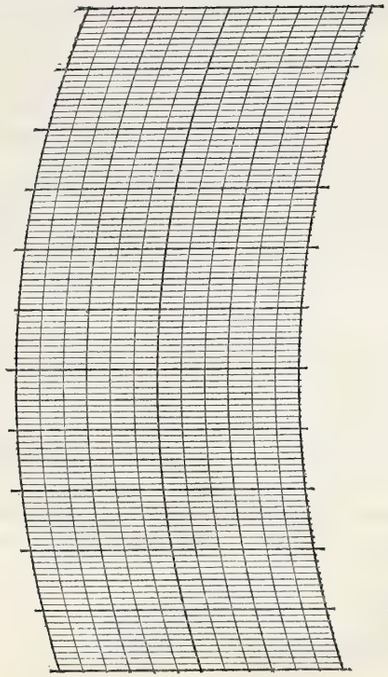
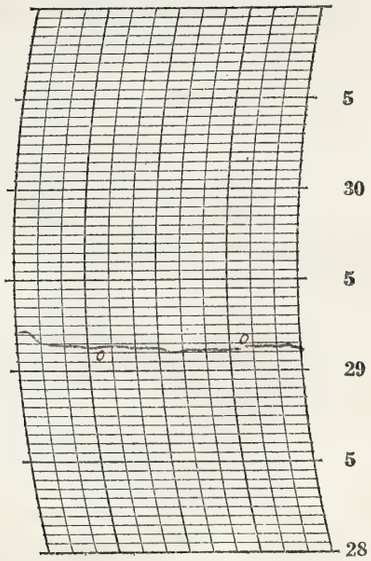


BAROGRAPH.



Prepared by CJ

Verified by EAH.

8—486

NOTES

A pleasant day with a 22° solar halo observed about noon. The snow has practically all disappeared.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 26 1929, 192

Time (local standard) ..... mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	38	37	37	36	35	36	40	42	43	44	43	42	40	39	39	39	40	41	41	43	44	47
State of weather: Nature of precipitation and time of beginning and ending													RB 12:20	RE 1:25	RB 2:00									
Amounts of precipitation													T	T	T	.06	.09	.01	.08	.03	.02	.01	.03	T
Cloudiness and other conditions					← Cloudy					X	Cldy	X			Cloudy									→

Sunrise: Time, 6:21 Character, Cloudy
Moonrise:

Sunset: Time, 5:22 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0.2	1.0	1.0	1.0	0.4	0.3	0	0	0	0	0						
Wind direction	S	S	SE	SE	SE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	3	2	2	2	3	4	3	6	7	7	8	6	6	6	6	8	7	7	5	7	6	9	10	12
Maximum velocities (exceeding ..... miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

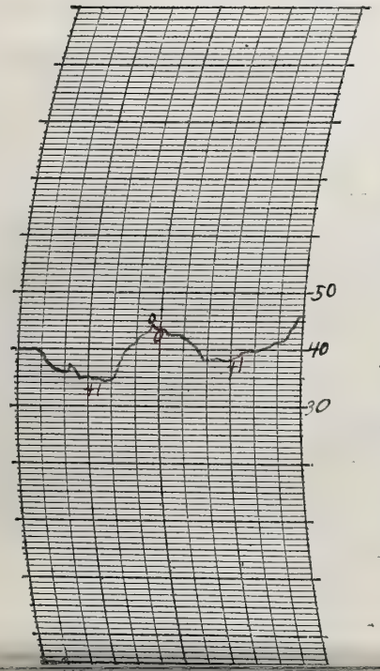
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	35	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, .33 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.9 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 35
Prevailing wind direction, E Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 16
Maximum velocity, 16 Direction, SE
Time began, 11:26 pm
Reduced barometer, 30.01 7 a. m. 29.77 7 p. m.
River gage, 2.6 feet
Relative humidity, 73 7 a. m. 100 7 p. m.

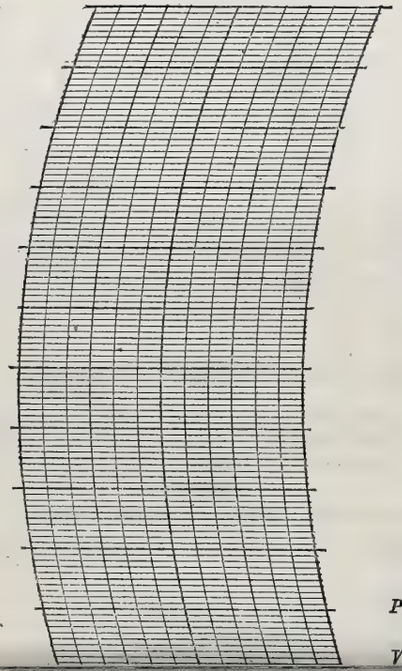
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.1 Wet temperature, 39.1
Dew-point, 32 R. humidity, 64 V. pressure, .180
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

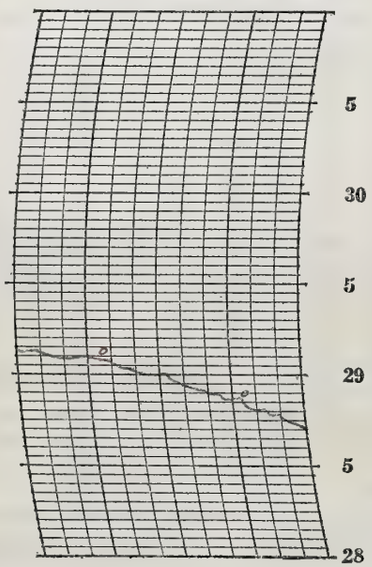
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EHB

Verified by EHA

NOTES

A mostly cloudy day with a light rain in the afternoon and evening.

Tipping bucket inserted 2:42 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 26 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	49	49	49	50	50	50	50	51	50	49	49	48	42	41	38	36	35	35	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending	RE DNa				RB DNa	RE DNa																		
Amounts of precipitation	T				.01	T																		
Cloudiness and other conditions	← Cloudy												× PCldy	× Cldy	× PCld	×			Cloudy					→
Sunshine (in tenths of hours)	0	6					0	0	0	0.3	0.4	0.7	0.9	1.0	0.4	0.9	0.1	0						
Wind direction	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	10	12	11	13	13	11	10	8	11	11	15	14	18	19	18	18	20	17	16	17	15	14	14	14
Maximum velocities (exceeding ___ miles) direction and time														26 SW 1:05	29 SW 2:02									

Sunrise: Time, 6:20 Character, Cloudy
Moonrise:
Sunset: Time, 5:28 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

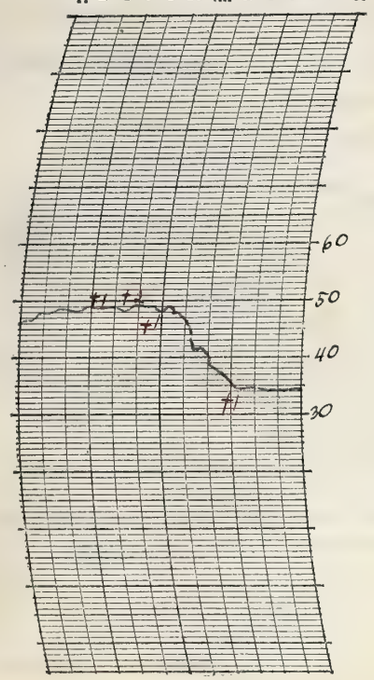
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.7 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 42
Prevailing wind direction, SW Total wind, 339
Average hourly velocity, 14.1 Extreme velocity, 31
Maximum velocity, 29 Direction, SW
Time began, 2:02 p.m.
Reduced barometer, 29.58 7 a. m. 29.74 7 p. m.
River gage, 10.2 feet
Relative humidity, 96 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.9 Wet temperature, 45.8
Dew-point, 43 R. humidity, 79 V. pressure, .277
Clouds: Amount, 9; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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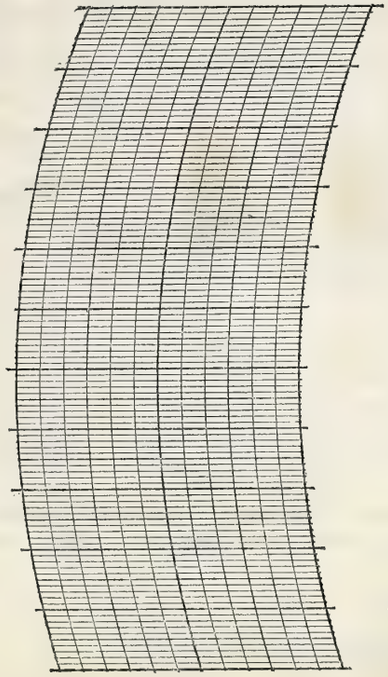
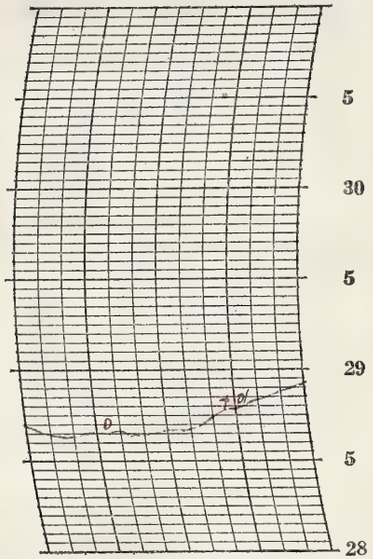


BAROGRAPH.



Prepared by CH

Verified by EZH.

8—486

NOTES

A light rain in the early morning. Clearing by 9:00 am and the partly cloudy the remainder of the day.

River using and forecast issued for a crest stage of 15 to 16 ft. for the 27th.

Tipping bucket removed 4:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 27 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	33	33	34	34	33	34	36	38	41	41	42	41	41	41	39	38	38	37	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy			→	Pt	Cloudy			→					Cloudy				→
Sunrise: Time, 6:19 Character, Cloudy																					Sunset: Time, 5:29 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.4	0	0						
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	NW	NW	NW	NW	S	E	E	NE	NE	NE	NE
Wind movement	13	12	12	10	11	11	11	10	9	9	8	8	6	5	4	3	3	4	3	4	4	4	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	33	37	

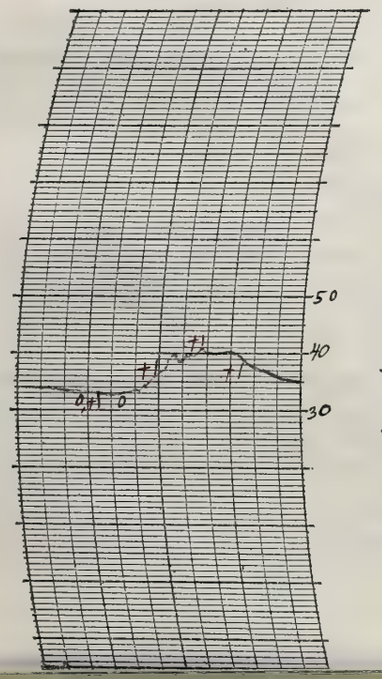
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.0 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 54
Prevailing wind direction, SW Total wind, 174
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 2:27 2 m.
Reduced barometer, 29.95 7 a. m. 29.95 7 p. m.
River gage, 15.4 feet
Relative humidity, 67 7 a. m. 73 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 38.1 Wet temperature, 35.1
Dew-point, 31 R. humidity, 75 V. pressure, .172
Clouds: Amount, 2/4; Kind, cirr-cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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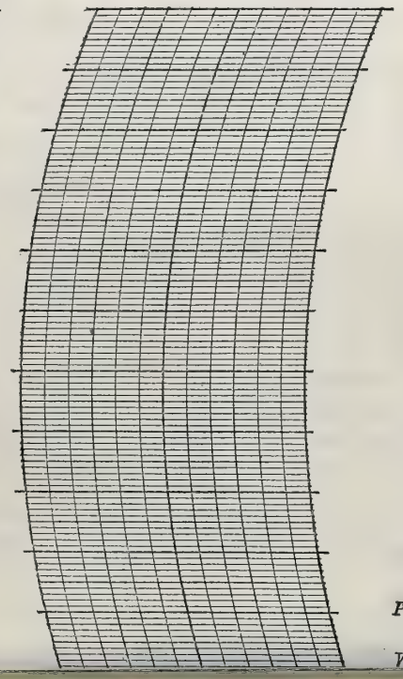
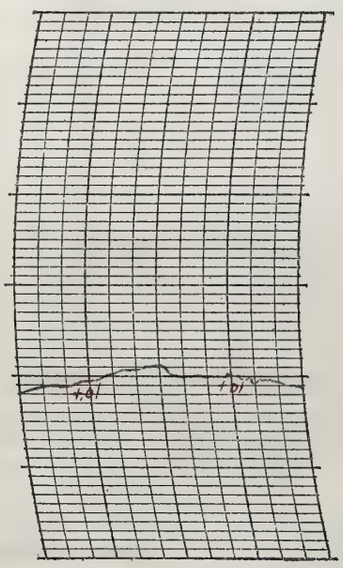


BAROGRAPH.



Prepared by CH

Verified by E.L.H

NOTES

It became partly cloudy during the mid-day, while it remained cloudy for the rest of the day.

The river reached flood stage during the night of the 26-27th. River full of floating ice on the 27th. but no damages.

Forecast for 15 to 16 feet flood stage was issued on the 26th.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 26 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	34	33	32	34	37	39	41	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←	Clear					Pt Cldy
Sunshine (in tenths of hours)							0.72 0	0.1 0.9	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	4	5	5	6	5	5	5	4	3	4	4	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	43	42	42	43	41	40	39	38	38
State of weather: Nature of precipitation and time of beginning and ending											SO 10:55p	SO 11:15p
Amounts of precipitation											T	T
Cloudiness and other conditions	Pt Cldy				×			Cloudy				→
Sunshine (in tenths of hours)	1.0	1.0	0.1	0	0	0						
Wind direction	NW	N	N	NW	N	N	N	N	N	N	N	NW
Wind movement	4	3	3	3	3	3	2	2	3	3	3	3

Sunrise: Time, 6:17 Character, Clear

Moonrise:

Sunset: Time, 5:31 Character, Cloudy

Moonset:

Maximum velocities (exceeding ___ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T ~~0~~ inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 7.8 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 70

Prevailing wind direction, NE Total wind, 89

Average hourly velocity, 3.7 Extreme velocity, 7

Maximum velocity, 7 Direction, NE

Time began, 3:25 a.m.

Reduced barometer, 29.84 7 a. m. 29.87 7 p. m.

River gage, 15.1 fell

Relative humidity, 85 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

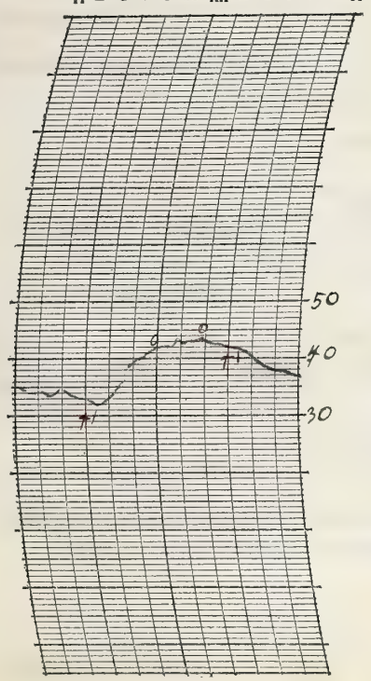
Dry temperature, 41.9 Wet temperature, 35.8

Dew-point, 27 R. humidity, 54 V. pressure, .143

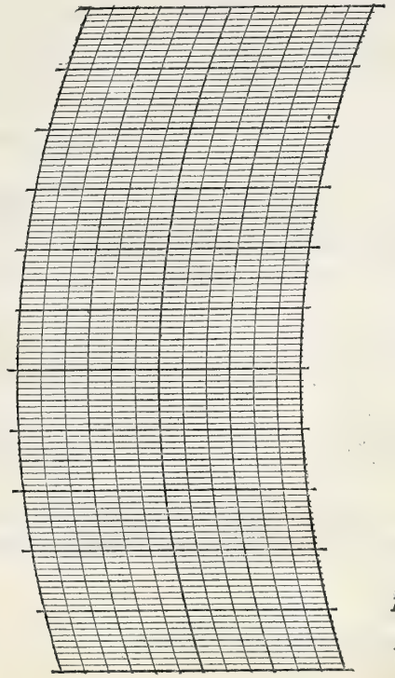
Clouds: Amount, 3; Kind, ~~Cu~~; Direction, NE

Velocity of clouds (miles per hour)

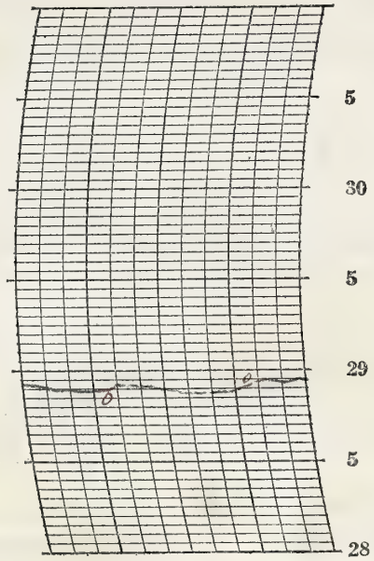
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

8—486

NOTES

River backing all ice out no damage. Mostly clear in the morning, but cloudy to Pt Cldy most of afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	34	33	32	31	30	31	33	38	40
Nature of precipitation and time of beginning and ending		SDB DN2	SDE DN2									
Amounts of precipitation		?—T—?										
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0.2	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	W	W	NW	W	NW	SW	S
Wind movement	2	3	3	3	3	4	4	3	4	3	4	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	34	35	35	35	34	34	33	32	32	32
Nature of precipitation and time of beginning and ending			RB 2:55	RE 3:55 SMB 3:55	SME 4:20							SDB DNP SDE DNP
Amounts of precipitation				.03								T
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	1.0	0.7	0.2	0	0	0						
Wind direction	S	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	13	10	10	10	10	6	7	7	7	8

State of weather.

Sunrise: Time, 6:15 Character, Cloudy

Moonrise:

Sunset: Time, 5:32 Character, Cloudy

Moonset:

Maximum velocities (exceeding ___ miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	30	37	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.1 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 36

Prevailing wind direction, SW Total wind, 145

Average hourly velocity, 6.0 Extreme velocity, 17

Maximum velocity, 17 Direction, SW

Time began, 2:55 p.m.

Reduced barometer, 29.93 7 a. m. 29.86 7 p. m.

River gage, 14.0 feet

Relative humidity, 91 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

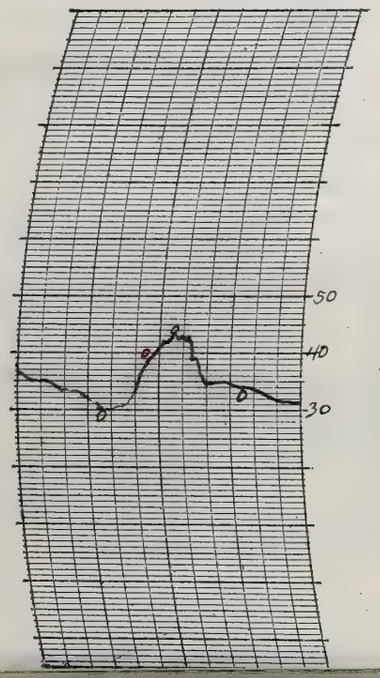
Dry temperature, 39.9 Wet temperature, 36.1

Dew-point, 31 R. humidity, 70 V. pressure, .172

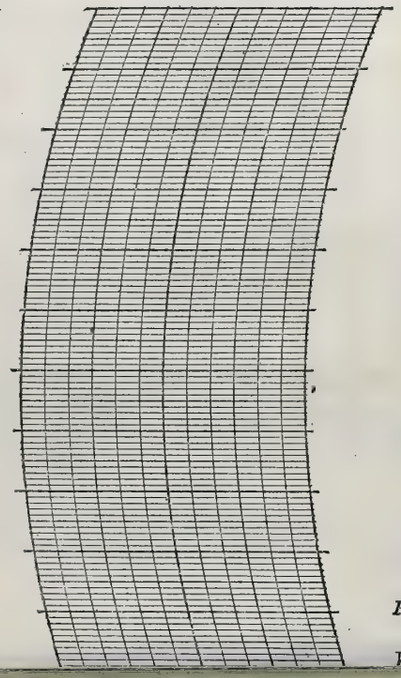
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour) ——

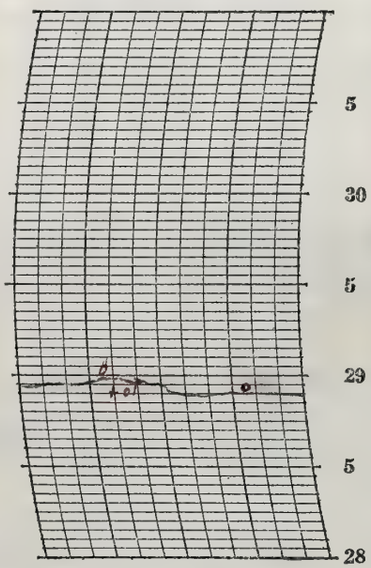
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by C.L.H

NOTES

A light snow fell in the early morning. It was cloudy most of the day except for some time around noon. A rain fell in the midafternoon and later. A dense fog formed suddenly at 6:55 a.m. ending at 9:15 a.m. when it became a light fog which ended at 9:40 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	30	30	30	30	30	32	34
Nature of precipitation and time of beginning and ending						SDB DN2	SDE 7:05	SDB 7:30 SDE 8:00				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)							0	0	0	0.2	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW
Wind movement	9	7	8	7	6	8	8	9	7	7	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	39	41	41	40	39	38	38	37	37	38	38
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cldy		Cldy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0						
Wind direction	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	12	13	13	13	13	10	10	10	10	11	13	16

Sunrise: Time, 6:14 Character, Cloudy
Moonrise:

Sunset: Time, 5:33 Character, Cloudy
Moonset:

Maximum velocities (exceeding 3 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

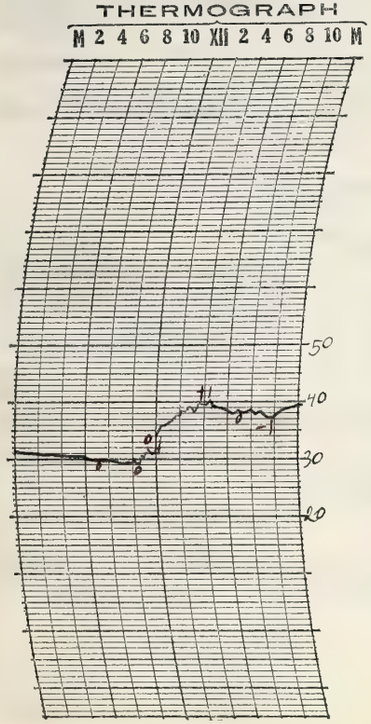
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	29	35	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.4 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 61
Prevailing wind direction, SW Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 11:52 pm
Reduced barometer, 29.76 7 a. m. 29.86 7 p. m.
River gage, 14.2 feet
Relative humidity, 90 7 a. m. 65 7 p. m.

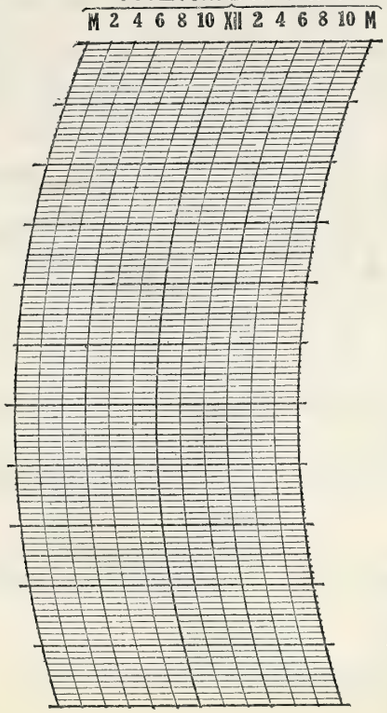
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.9 Wet temperature, 29.0
Dew-point, 20 R. humidity, 54 V. pressure, 10.3
Clouds: Amount, 8; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

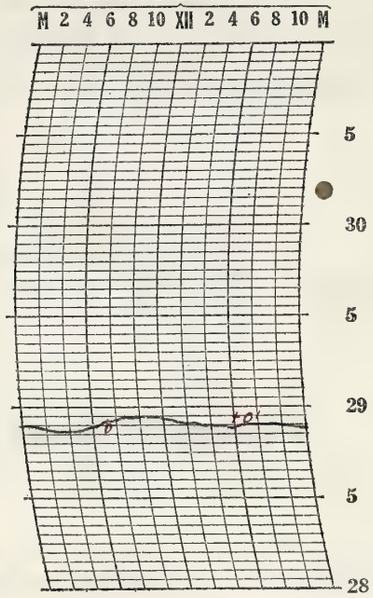
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.
Verified by E. L. H.

NOTES

A light snow fell in the morning. It was cloudy during the morning becoming partly cloudy shortly after noon, but it again clouded up late in the evening.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 3 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	39	39	40	40	40	40	41	43	45	49	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Cloudy			X	Ptly	
Sunrise: Time, 6:12 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0.8	0.6	0.4	1.0	1.0
Wind direction	S	S	S	SW	S	S	S	S	SW	SW	SW	SW
Wind movement	17	15	15	12	11	13	14	13	17	17	17	17
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	50 RB 2:35	47	46	45	44	43	43	43	42	42 R cont
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			←		T			X	03 →	.03	.01	.01
Cloudiness and other conditions		X						Cloudy				→
Sunset: Time, 5:34 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	0.4	0	0	0						
Wind direction	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	20	18	19	14	11	6	4	6	5	4	5	5

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	38	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.2 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 54
Prevailing wind direction, SW Total wind, 295
Average hourly velocity, 12.3 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 2:23 P.M.
Reduced barometer, 29.78 7 a. m., 29.83 7 p. m.
River gage, 13.5 feet
Relative humidity, a. m. 80 7 p. m.

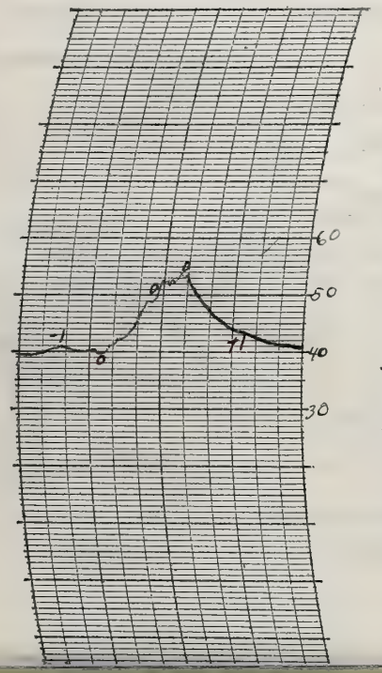
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 52.2 Wet temperature, 43.7
Dew-point, 34 R. humidity, 49 V. pressure, .185
Clouds: Amount, 5; Kind, Cirst.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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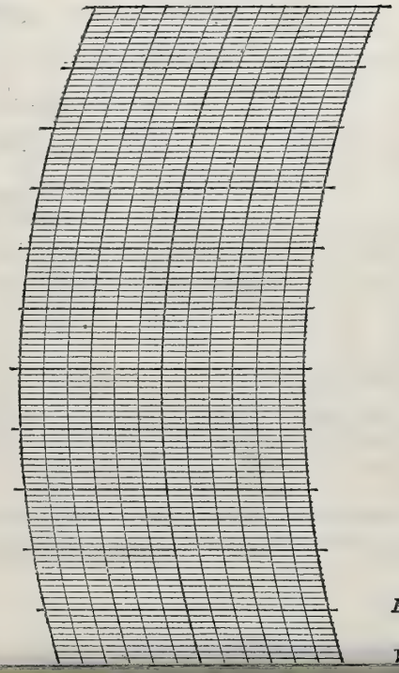
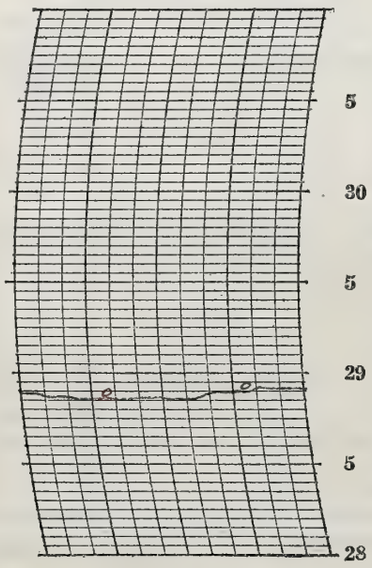


BAROGRAPH.



Prepared by

Verified by E.L.H

NOTES

A mostly cloudy day with some sunshine around noon but becoming threatening and a light rain commenced and continued into the evening.

Cloudy and threatening in the morning. Mostly clear from eleven to 2 p.m., then overcast with light rain. Sidewalks and streets very slippery by 5:00 p.m.

Tipping bucket inserted 5:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 4 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	40	40	40	40	39 RE 7:20	39	39	40	41
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	01	02	02	01	T	T	02	T				
Cloudiness and other conditions	Cloudy							Fog	Fog	Fog		
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	S	S	SW	SW	S	N	N	NE	NE
Wind movement	5	3	2	3	2	2	1	3	3	5	5	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	42	41	40	39	38	36	35	34	33	33
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	N	N	N	N	NW	N	N	N	N	N	N	N
Wind movement	4	5	7	7	10	7	6	7	7	8	8	8

Sunrise: Time, 6:40 Character, Cloudy

Moonrise:

Sunset: Time, 5:35 Character, Cloudy

Moonset:

Maximum velocities (exceeding ___ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	33	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.15 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 0

Prevailing wind direction, N Total wind, 123

Average hourly velocity, 5.1 Extreme velocity, 11

Maximum velocity, 11 Direction, NW

Time began, 3:57 pm

Reduced barometer, 29.81 7 a. m. 29.80 7 p. m.

River gage, 12.1 feet

Relative humidity, 96 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

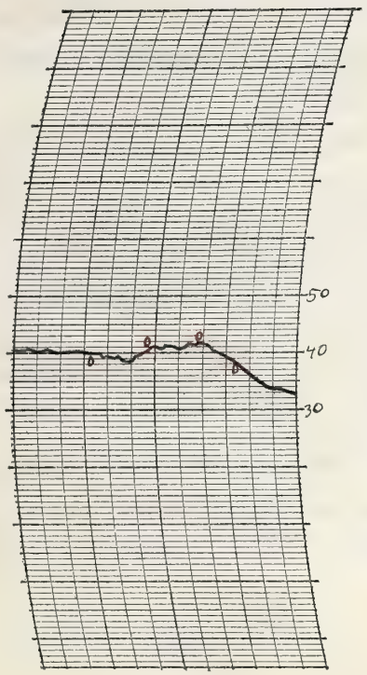
Dry temperature, 40.7 Wet temperature, 39.9

Dew-point, 39 R. humidity, 94 V. pressure, .237

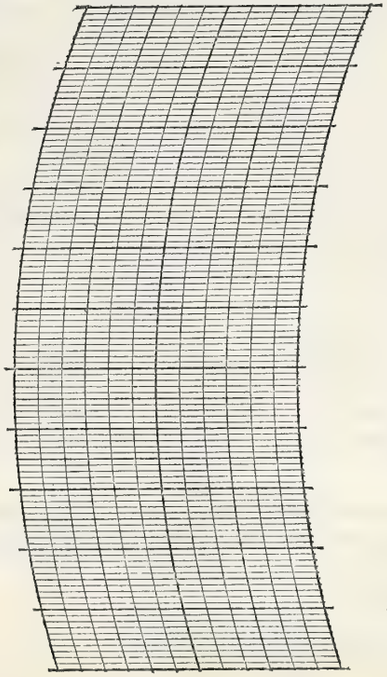
Clouds: Amount, 10; Kind, stcu; Direction, NE

Velocity of clouds (miles per hour)

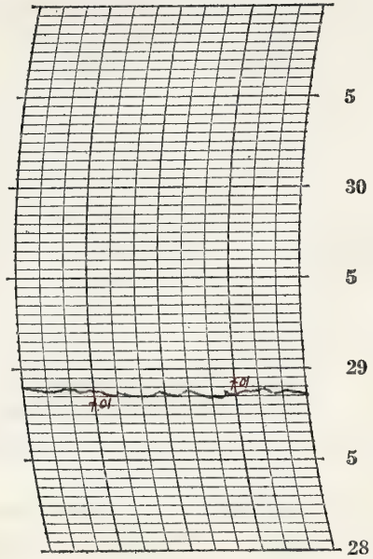
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ.

Verified by E.L.H.

8—486

NOTES

Today is Inauguration Day.
Light fog began 7:05 a m, ended 7:30 a m
Dense fog began 7:30 a m, ended 8:00 a m H Fog 8:00 – 8:45 a. A cloudy day with rain in the morning and foggy for a while near the end of the rain

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Tuesday, (Date) MAR 5 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	33	33	32	32	31	30	31	32	34	35	36	39	40	40	38	37	36	35	34	34	33	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cldy X		Pt Cldy		X		Clear											→
Sunshine (in tenths of hours)							0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.60 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	W	W	W	SW	SW	SW
Wind movement	7	7	9	8	10	11	11	13	14	13	13	16	17	15	14	14	12	9	6	5	4	5	7	8
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6:09 Character, Cloudy
Moonrise:
Sunset: Time, 5:36 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

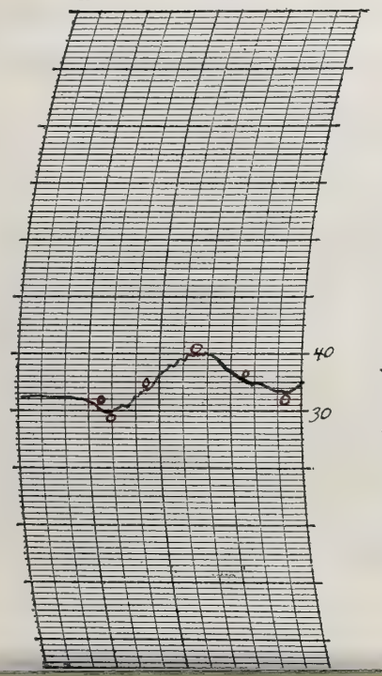
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	30	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.2 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 85
Prevailing wind direction, N Total wind, 248
Average hourly velocity, 10.3 Extreme velocity, 20
Maximum velocity, 17 Direction, NW
Time began, 1:25 p.m.
Reduced barometer, 29.70 7 a. m., 29.75 7 p. m.
River gage, 11.1 feet
Relative humidity, 63 7 a. m., 66 7 p. m.

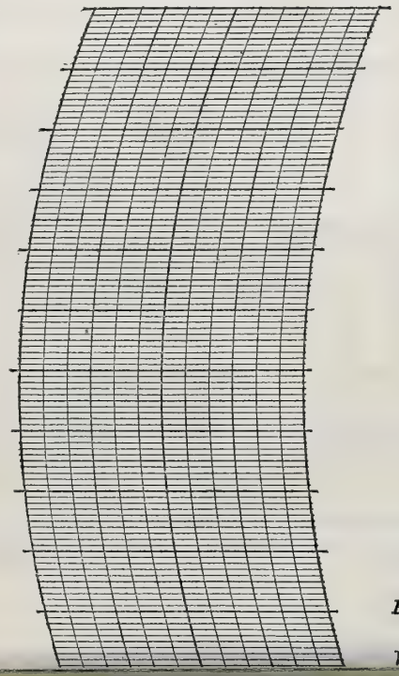
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.9 Wet temperature, 31.6
Dew-point, 27 R. humidity, 70 V. pressure, .143
Clouds: Amount, 1; Kind, cirr.; Direction, SW
Velocity of clouds (miles per hour)

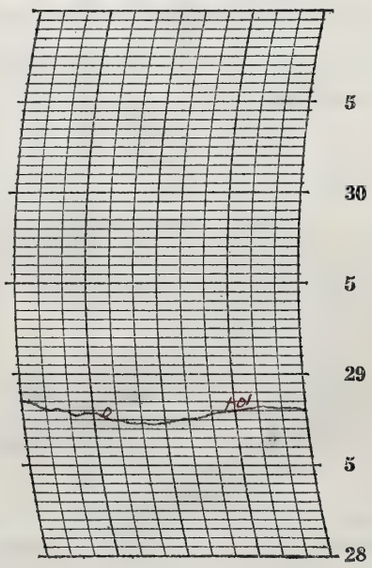
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E.L.H

NOTES

A mostly clear day with plenty of sunshine. Mostly pleasant but a little cool.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Wednesday~~, (Date) MAR 6 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	37	36	37	37	41	43	46	48	50	56	58	60	60	58	52	47	39	34	31	28	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					X Cly	X Clear		X Pt Cldy				Cloudy					→
Sunshine (in tenths of hours)							0.75 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	•						
Wind direction	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	S W	W	SW	SW	SW	SW	N	W	W	W	W	W
Wind movement	9	9	11	13	13	13	13	12	16	16	17	17	15	1	20	24	22	26	30	26	30	26	26	30
Maximum velocities (exceeding 25 miles) direction and time															25 SW 2:50	29 SW 3:04	28 SW 4:01	28 W 5:28	36 W 6:02	34 W 7:30	34 W 8:20	29 W 9:24	28 W 10:33	38 W 11:49

Sunrise: Time, 6:07 Character, Clear
Moonrise: ____ ____
Sunset: Time, 5:32 Character, Cloudy
Moonset: ____ ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

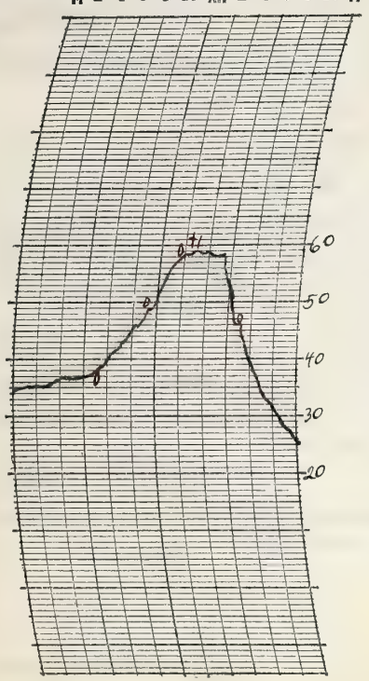
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	25	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.2 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind, 458
Average hourly velocity, 19.1 Extreme velocity, 44
Maximum velocity, 38 Direction, W
Time began, 11:49 pm
Reduced barometer, 29.51 7 a. m. 29.25 7 p. m.
River gage, 9.7 feet
Relative humidity, 74 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 44.2
Dew-point, 38 R. humidity, 63 V. pressure, 228
Clouds: Amount, 4; Kind, 2 Cu; Direction, NW
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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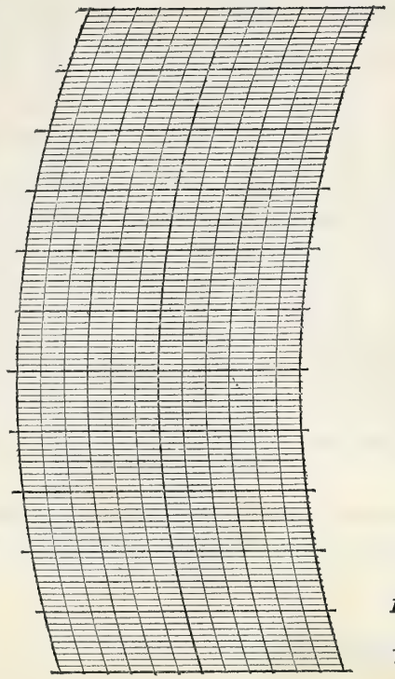
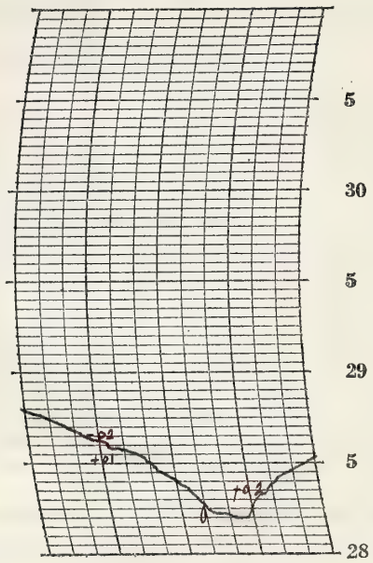


BAROGRAPH.



Prepared by E.H.

Verified by E.L.H.

S—436

NOTES

Considerable damage due to high wind velocities occurred during the afternoon and evening.

Special 2:00 p.m. observation sent to Chicago on account of a .13 fall in pressure

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	21	20	19	18	16	15	12	13	14	15	16
Nature of precipitation and time of beginning and ending							SDB 6:45	SDE 7:10	SDB 8:30	SDE 9:50	SDB 10:20	
Amounts of precipitation							T	T	T	T	T	T
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)							0	0.2	0.4	0.6	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	NW	NW
Wind movement	31	30	29	31	28	31	26	27	27	26	24	24
Maximum velocities (exceeding ___ miles) direction and time	39 W 12:55	32 W 1:32	35 W 2:40	36 W 3:55	32 W 4:20	36 W 5:19	31 W 6:09	31 W 7:52	30 NW 8:14	31 NW 9:50	27 NW 10:12	27 NW 11:35

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	21	22	23	22	21	20	19	19	18	18	18
Nature of precipitation and time of beginning and ending	SDE 12:45					SDB 5:00	SDE 5:30					
Amounts of precipitation	T					T	T					
Cloudiness and other conditions	X Pt Cldy				X Cloudy			X	Pt Cldy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0	0						
Wind direction	NW	NW	NW	NW	NW	NW	W	W	W	W	W	NW
Wind movement	22	23	21	18	16	14	12	9	7	7	6	4
Maximum velocities (exceeding ___ miles) direction and time	26 NW 12:51	28 NW 1:09										

Sunrise: Time, 6:06 Character, Cloudy
Moonrise:

Sunset: Time, 5:39 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	12	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.1 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 61
Prevailing wind direction, W Total wind, 494
Average hourly velocity, 20.6 Extreme velocity, 43
Maximum velocity, 39 Direction, W
Time began, 12:55 a m
Reduced barometer, 29.72 7 a. m. 30.17 7 p. m.
River gage, 8.2 feet
Relative humidity, 79 7 a. m. 65 7 p. m.

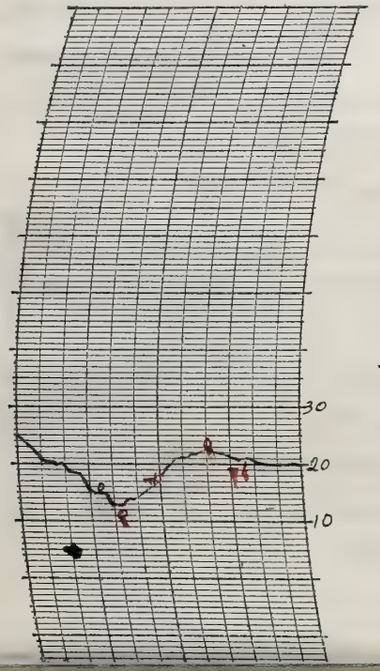
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 16.3 Wet temperature, 14.3
Dew-point, 8 R. humidity, 66 V. pressure, .057
Clouds: Amount, 10; Kind, st cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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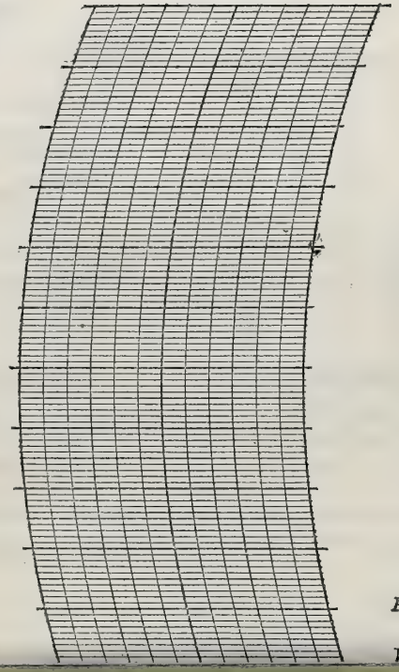
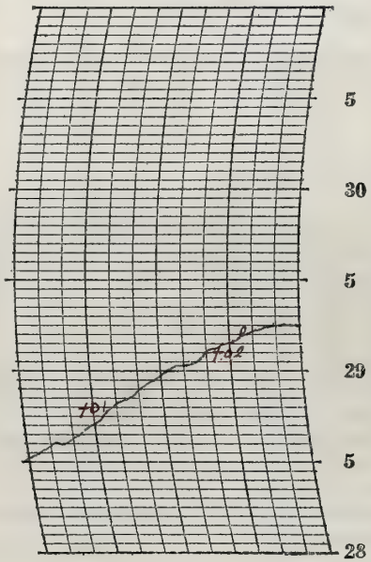


BAROGRAPH.



Prepared by

Verified by E.J.H

NOTES

Considerable damage occured during the morning and afternoon on account of high wind velocities. During the high winds of the 6th to 7th church steeples were blown over, roofs lifted, trees blown down, ~~often~~ plate glass windows broken, etc and other damage occured. A light snow fell during most of the morning with the sun shing at intervals. A trace snow fell around sunset.

Lipping bucket removed 8:25 a. m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 8 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	17	16	16	17	19	20	22	27	30	33	37	40	39	38	37	36	36	35	35	36	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Pt Cldy			×	Clear	×	Pt Cldy			×			Cloudy						→
Sunshine (in tenths of hours)							0	0.1	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0						
Wind direction	NW	NW	W	SW	SW	SW	S	SE	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	# W	# W
Wind movement	4	2	2	3	4	4	6	7	8	9	12	14	17	18	18	15	15	14	13	14	13	11	# 12	# 13
Maximum velocities (exceeding 21 miles) direction and time																								

Sunrise: Time, 6:04 Character, Cloudy
Moonrise:
Sunset: Time, 5:40 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

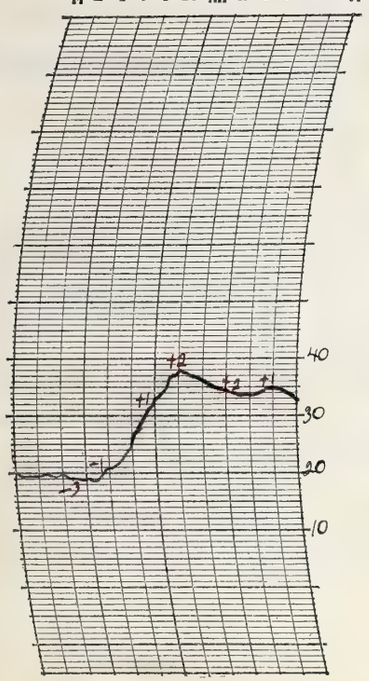
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	16	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.5 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 56
Prevailing wind direction, SW Total wind, 248
Average hourly velocity, 10.3 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 2:12 p.m.
Reduced barometer, 30.20 7 a. m., 29.85 7 p. m.
River gage, 7.6 feet
Relative humidity, 91 7 a. m., 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.1 Wet temperature, 31.0
Dew-point, 28 R. humidity, 79 V. pressure, .150
Clouds: Amount, 2; Kind, ci st cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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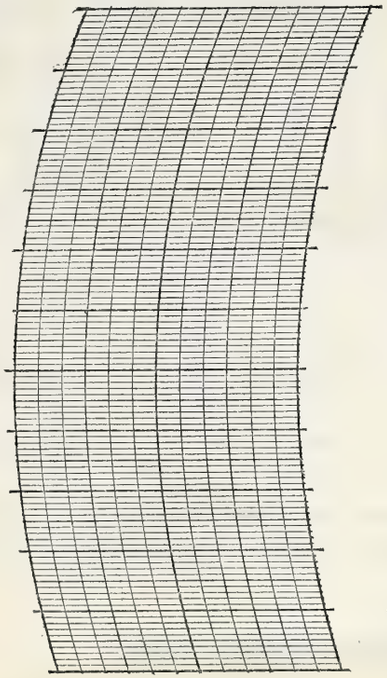
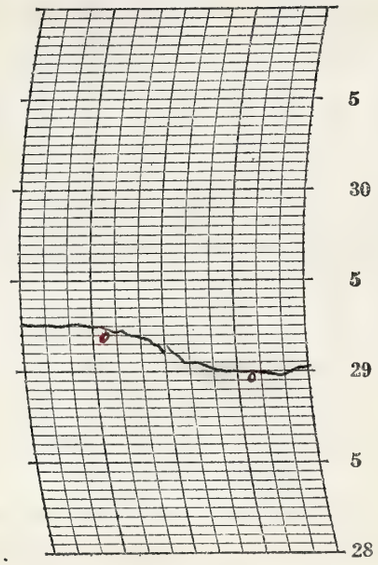


BAROGRAPH.



Prepared by EJ

Verified by E. L. K.

8—486

NOTES

As a whole it was a partly cloudy day with increasing cloudiness.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 5 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	29	27	26	24	22	20	19	19	20	20	21	21	21	22	23	22	21	21	20	20	19	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy						Partly				→	Clear				→	
Sunshine (in tenths of hours)							0	0.8	0.7	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0						
Wind direction	# W	# NW	# NW	# N	# N	# N	# N	N	NW	NW	N	N	N	N	N	NW	NW	NW	NW	N	N	NW	W	W
Wind movement	# 14	# 16	# 18	# 17	# 16	# 15	# 13	13	12	13	10	10	10	9	10	11	8	8	5	4	3	4	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:02 Character, Cloudy
Moonrise:
Sunset: Time, 5:41 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

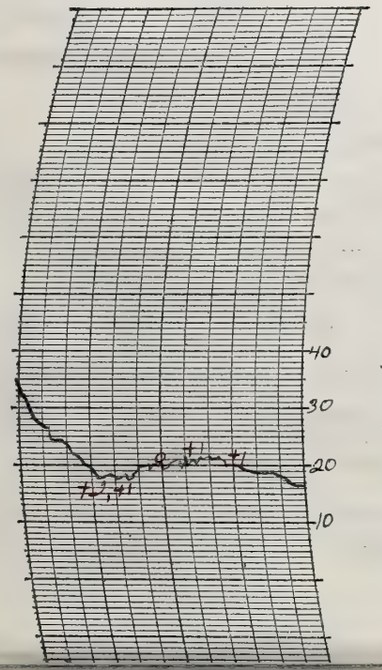
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	17	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.7 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 75
Prevailing wind direction, N Total wind, 249
Average hourly velocity, 10.4 Extreme velocity, 20#
Maximum velocity, 20# Direction, NW#
Time began, 2:30# 2 m#
Reduced barometer, 30.32 7 a. m. 30.58 7 p. m.
River gage, 6.4 feet
Relative humidity, 56 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.9 Wet temperature, 17.9
Dew-point, 10 R. humidity, 57 V. pressure, .063
Clouds: Amount, 8; Kind, st cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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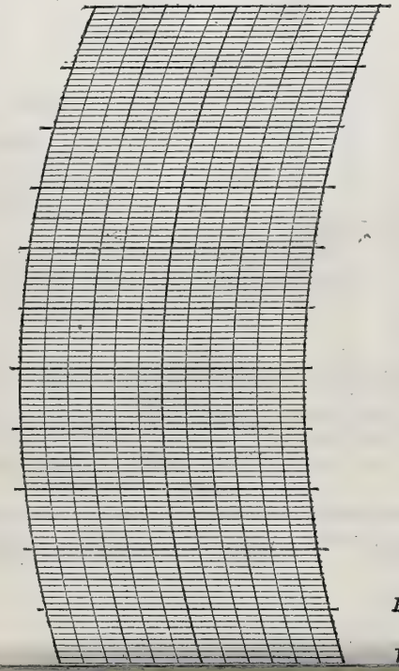
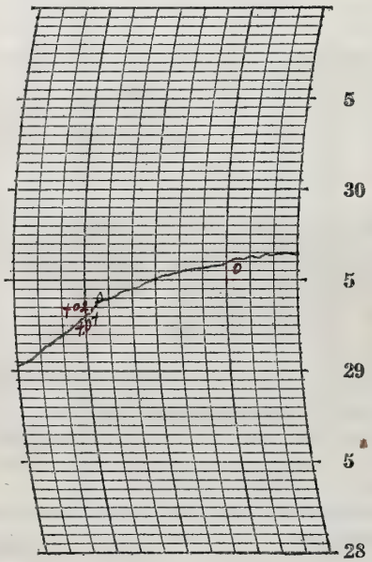


BAROGRAPH.



Prepared by EJ
Verified by E.L.H

NOTES

As a whole it was a partly cloudy day with decreasing cloudiness

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	15	15	14	14	15	18	21	26	28	33	35	38	40	40	40	39	36	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear			×			Pt Cldy											→
Sunrise: Time, 6:01 Character, Clear																					Sunset: Time, 5:42 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0.5 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0						
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	4	3	5	6	5	6	7	8	11	11	10	9	11	13	13	12	10	8	9	13	15	13	14	13
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

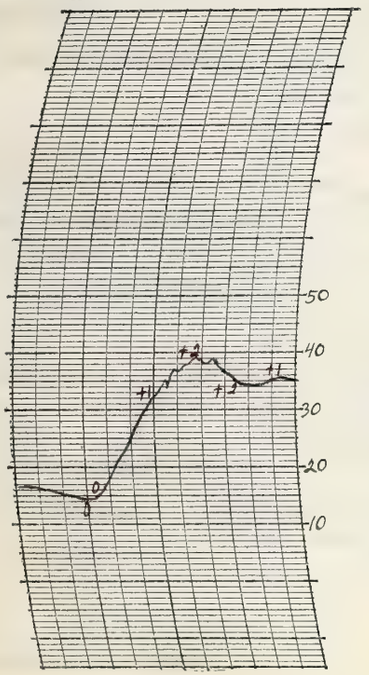
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	14	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.5 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 90
Prevailing wind direction, SW Total wind, 229
Average hourly velocity, 9.5 Extreme velocity, 17
Maximum velocity, 16 Direction, S
Time began, 10:30 p.m.
Reduced barometer, 30.58 7 a. m. 30.36 7 p. m.
River gage, 4.4 feet
Relative humidity, 75 7 a. m. 48 7 p. m.

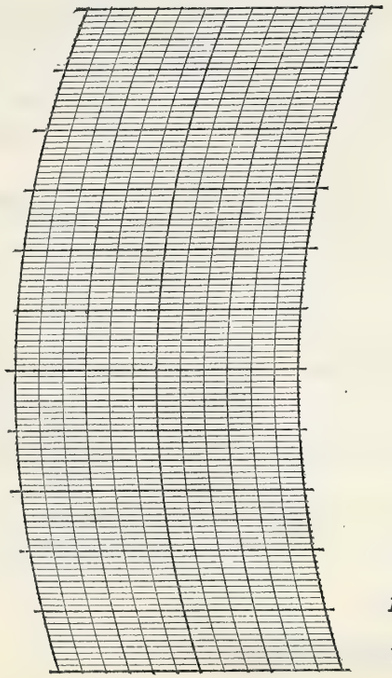
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.2 Wet temperature, 28.7
Dew-point, 21 R. humidity, 56 V. pressure, 10.8
Clouds: Amount, 7; Kind, Cirst; Direction, SW
Velocity of clouds (miles per hour)

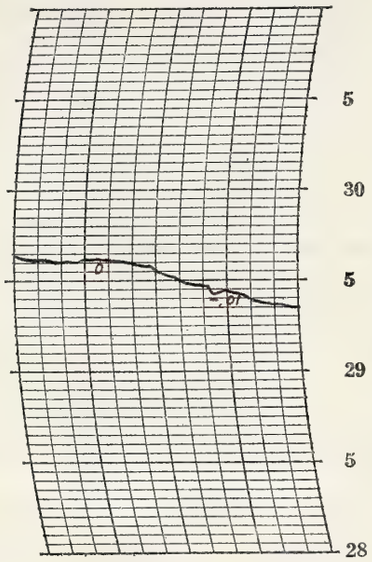
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A 22° solar halo observed near noon. Clear in the early morning, becoming partly cloudy several hours before noon with high clouds prevailing during the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 1 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	36	36	36	36	36	38	43	47	49	51	49	48	50	50	50	49	48	48	48	48	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear		X	Pt Cldy			X				Cloudy							
Sunrise: Time, 5:59 Character, Clear																					Sunset: Time, 5:43 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.02	0.8 0.2	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	SE	S	S	S	S	S
Wind movement	11	10	10	7	6	9	9	13	13	15	15	16	13	12	11	11	12	10	10	10	9	11	10	11
Maximum velocities (exceeding [illegible] miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 6.7 Possible sunshine, hours, 11.7

Per cent of possible sunshine, 57

Prevailing wind direction, S Total wind, 266

Average hourly velocity, 11.1 Extreme velocity, 19

Maximum velocity, 18 Direction, S

Time began, 10:26 2 m

Reduced barometer, 30.27 7 a. m. 30.20 7 p. m.

River gage, 4.4 feet

Relative humidity, 61 7 a. m. 47 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

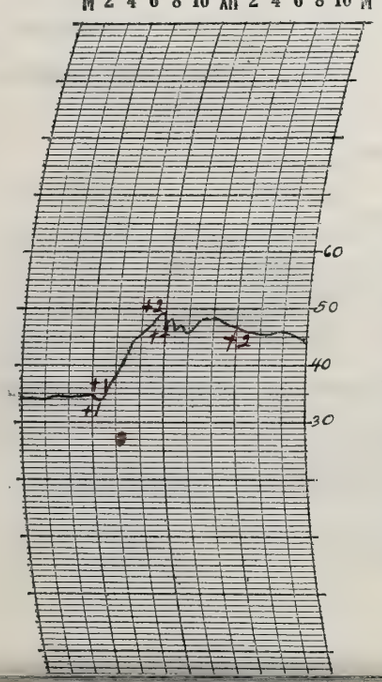
Dry temperature, 51.1 Wet temperature, 40.1

Dew-point, 25 R. humidity, 35 V. pressure, 1.130

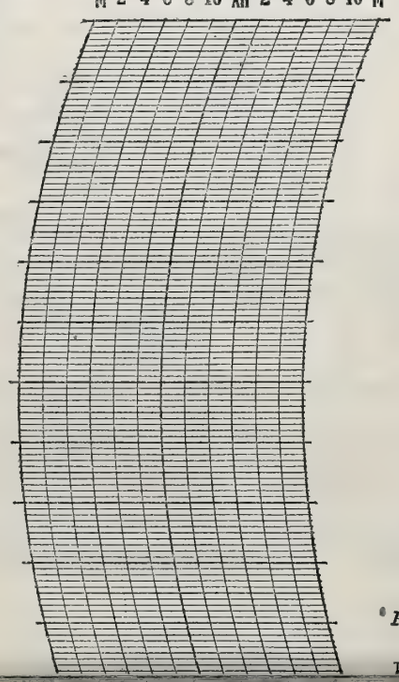
Clouds: Amount, 1 4; Kind, cirr cu; Direction, SW SW

Velocity of clouds (miles per hour)

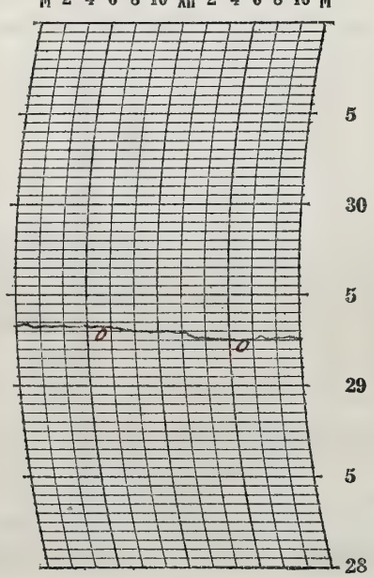
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H

NOTES

A very pleasant day with temperature rising during the day and continuing quite comfortable during the evening. The sky became completely cloudy in the afternoon. A light to moderate southerly wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 12 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	43	43	43	45	45	46	50	55	60	63	64	66	67	66	64	62	60	58	56	55	54	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			X			Pt Cldy							Clear						→
Sunrise: Time, 5:52 Character, Cloudy																					Sunset: Time, 5:44 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.63 0.1						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	11	13	11	11	10	11	10	10	11	14	16	14	13	14	12	12	8	7	6	6	6	8	9	10
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

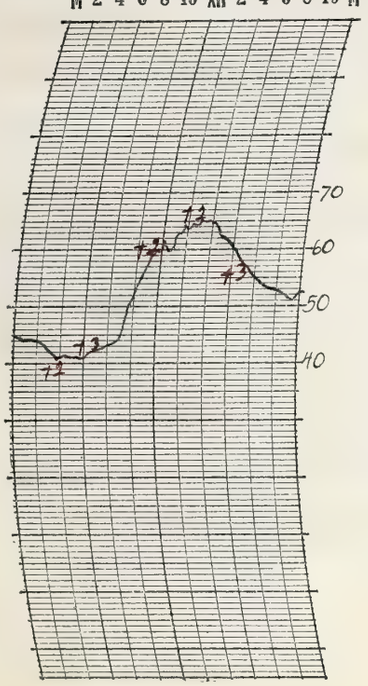
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.4 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 80
Prevailing wind direction, S Total wind, 253
Average hourly velocity, 10.5 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 11:43 2 m.
Reduced barometer, 30.20 7 a. m. 30.09 7 p. m.
River gage, 3.9 feet
Relative humidity, 66 7 a. m. 56 7 p. m.

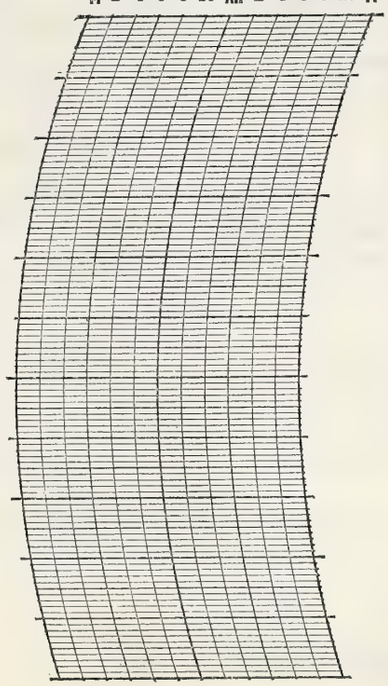
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.3 Wet temperature, 53.2
Dew-point, 45 R. humidity, 51 V. pressure, .298
Clouds: Amount, 6; Kind, cirst; Direction, SW
Velocity of clouds (miles per hour)

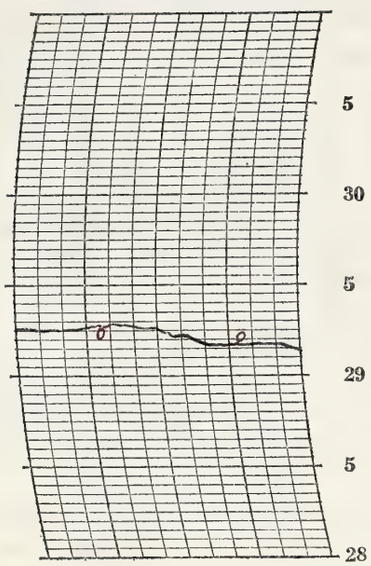
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

A pleasant day, quite warm and clear the greater part of the afternoon and evening. Thunder was heard between 1 and 2 a.m. this morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 13 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	51	49	49	49	49	51	54	54	55	57	59	59	59	59	59	58	58	57	56	56	55
State of weather: Nature of precipitation and time of beginning and ending				RR DN2									RE 12:45											
Amounts of precipitation				T	0.5	→		T	.05	.23	.13	.04	.03											
Cloudiness and other conditions										5 Fog		Cloudy												
Sunrise: Time, Character,	5:56 Cloudy																							
Moonrise:																								
Sunset: Time, Character,													5:45 Cloudy											
Moonset:																								
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	SE	S	S	S	S	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	SW	SW	SE	SE
Wind movement	9	9	9	8	5	5	7	6	6	10	10	10	9	10	11	12	11	7	7	4	2	3	4	4
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	49	54	

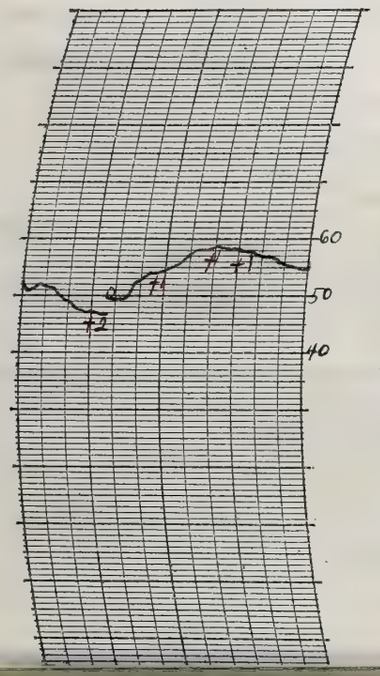
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .48 ins.
Total precipitation, midnight to midnight, .53 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 178
Average hourly velocity, 7.4 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 3:34 p.m.
Reduced barometer, 29.94 7 a. m. 29.84 7 p. m.
River gage, 3.6 feet
Relative humidity, 94 7 a. m. 93 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 54.9 Wet temperature, 54.0
Dew-point, 53 R. humidity, 95 V. pressure, .402
Clouds: Amount, 10; Kind, st; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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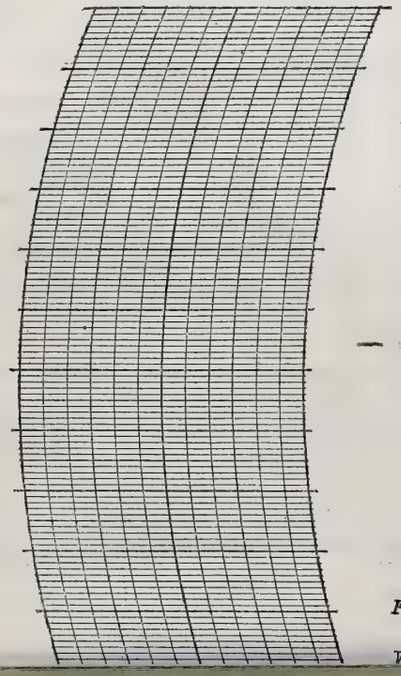
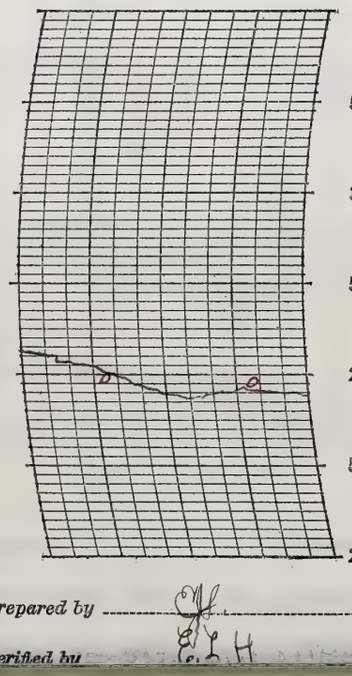


BAROGRAPH.



Prepared by

Verified by

NOTES

A cloudy day with rain during most of the morning.
Visibility at 8:50 a.m. was ½ mile with a ceiling of 500 ft. A light fog began at 9:30 a.m. and ended at 10:30 a.m. becoming so dense at times that visibility was slightly beyond 1000 ft. Another fog dense in character, occurred in the evening beginning at 9:15 p. and continuing
Tipping bucket inserted 6:56 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	51	51	52	52	52	54	55	57	60	62	64	67	66	66	64	61	59	58	57	57	54
State of weather: Nature of precipitation and time of beginning and ending	RB ON2							RE 7:45																
Amounts of precipitation	03	05	02	T	09	06	04	04																
Cloudiness and other conditions	Dense Fog					Cloudy			Pt Cldy			Clear		Pt Cldy					Clear					
Sunshine (in tenths of hours)						0	0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.37 0.4						
Wind direction	SE	SE	NE	NE	N	W	NW	W	W	W	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	NW
Wind movement	4	1	3	3	3	9	4	5	6	8	7	9	9	10	8	9	10	7	5	4	1	0	2	4

Sunrise: Time, 5:54 Character, Cloudy
Moonrise:

Sunset: Time, 5:46 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

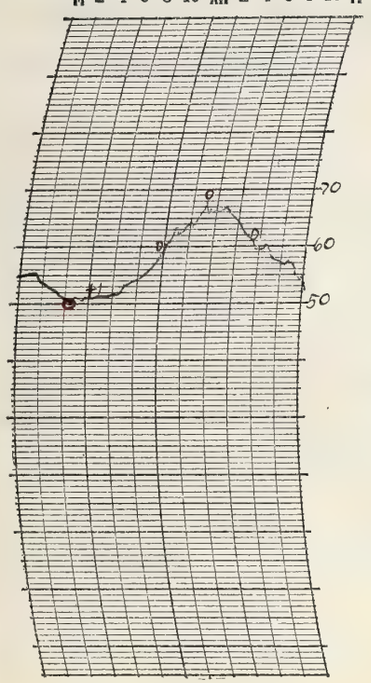
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .28 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .33 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.7 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 82
Prevailing wind direction, W Total wind, 131
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:38 p.m.
Reduced barometer, 29.71 7 a. m. 29.83 7 p. m.
River gage, 5.7 feet
Relative humidity, 96 7 a. m. 68 7 p. m.

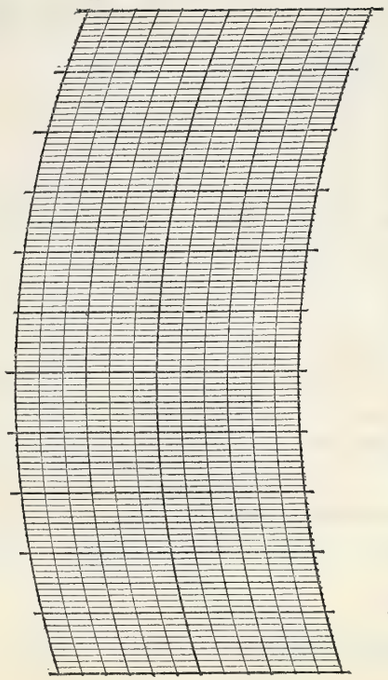
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.9 Wet temperature, 56.2
Dew-point, 54 R. humidity, 80 V. pressure, .412
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

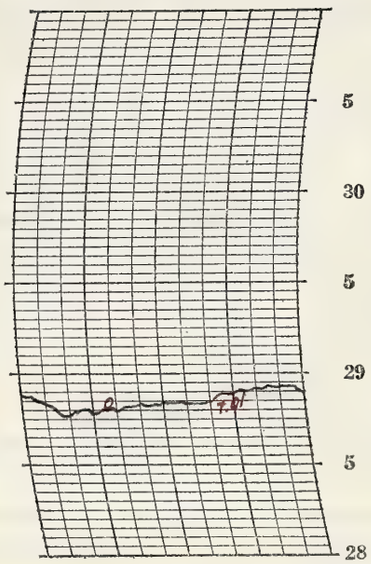
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.
Verified by E.J.K.

8—486

NOTES

Rain fell in the greater part of the morning but clearing up and the sun shining the larger portion of the day with a clear sky in the evening. The dense fog continued from yesterday and ended some time before sunrise.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	49	51	47	46	46	47	48	50	52	53	53	53	57	61	63	60	59	58	54	51	48	47	47
State of weather: Nature of precipitation and time of beginning and ending										RB 9:20				RE 2:00									RB 10:15 RE 10:50	
Amounts of precipitation										T	.02	T	.29	.09									.03	
Cloudiness and other conditions					←						Cloudy						Pt Cldy				Cloudy →			

Sunrise: Time, 5:53 Character, Cloudy

Moonrise:

Sunset: Time, 5:42 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.1	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	E	SE	NE	N	NE	NE	E	NE	E	E	E	E	E	S	S	SE	SE	SW	W	N	E	W	W
Wind movement	5	4	3	4	6	7	8	9	9	9	13	11	9	6	11	7	5	4	10	6	6	6	6	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .40 ins.

Total precipitation, midnight to midnight, .43 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 1

Prevailing wind direction, E Total wind, 166

Average hourly velocity, 6.9 Extreme velocity, 16

Maximum velocity, 16 Direction, E

Time began, 10:36 2 m.

Reduced barometer, 29.69 7 a. m. 29.48 7 p. m.

River gage, 10.4 feet

Relative humidity, 96 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

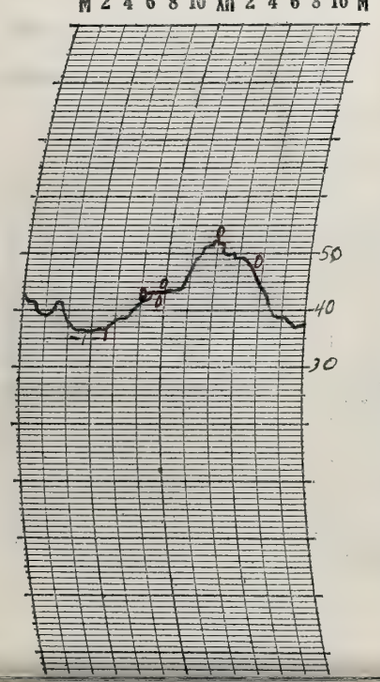
Dry temperature, 53.4 Wet temperature, 52.8

Dew-point, 52 R. humidity, 96 V. pressure, .387

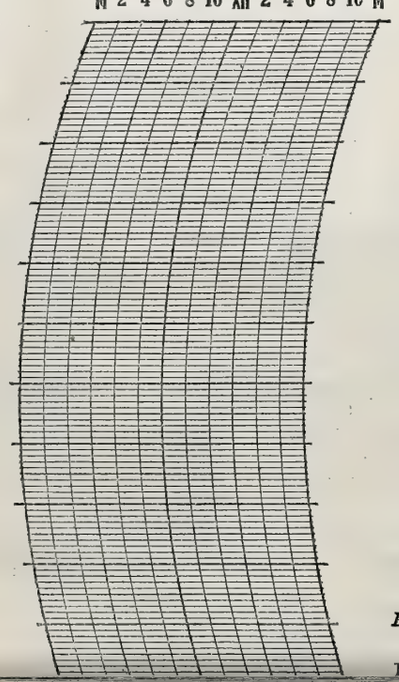
Clouds: Amount, 10; Kind, st; Direction, SE

Velocity of clouds (miles per hour)

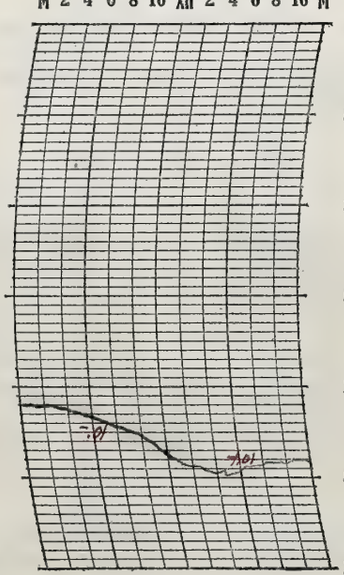
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Thunder heard at 4:50 p.m.
Rain fell during the late morning and early afternoon and again in the late evening.
Special 12:Noon observation sent to Chicago on account of a .12 fall in pressure.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 16 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	45	44	43	37	34	34	33	34	35	35
Nature of precipitation and time of beginning and ending		RB BN2				RE 5:55 SMB 5:55			BME 5:20			
Amounts of precipitation		T	.05	.02	.02	.01	.02	T	T			
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	SW	SW	SW	SW	N	N	NW	N	NW	NW	NW
Wind movement	3	4	9	8	9	12	12	13	15	14	13	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	35	35	33	33	32	31	30	30	30
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions										X	P Cldy	
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	W	W	NW	W	W	W	W	W
Wind movement	11	10	11	11	10	12	11	10	8	7	7	5

State of weather.

Sunrise: Time, 5:51 Character, Cloudy

Moonrise:

Sunset: Time, 5:48 Character, Cloudy

Moonset:

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., .15 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind, 237

Average hourly velocity, 9.9 Extreme velocity, 19

Maximum velocity, 18 Direction, NW

Time began, 9:03 a. m.

Reduced barometer, 29.64 7 a. m. 30.01 7 p. m.

River gage, 12.8 feet

Relative humidity, 95 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

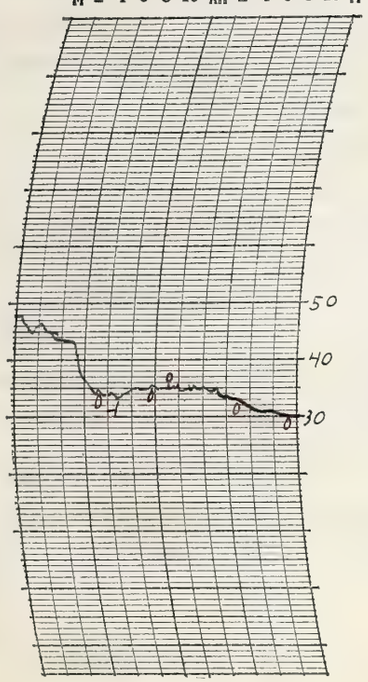
Dry temperature, 35.2 Wet temperature, 33.8

Dew-point, 32 R. humidity, 87 V. pressure, 180

Clouds: Amount, 10; Kind, st; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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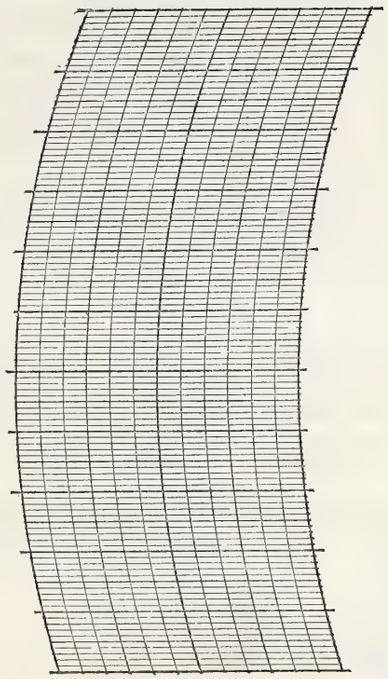
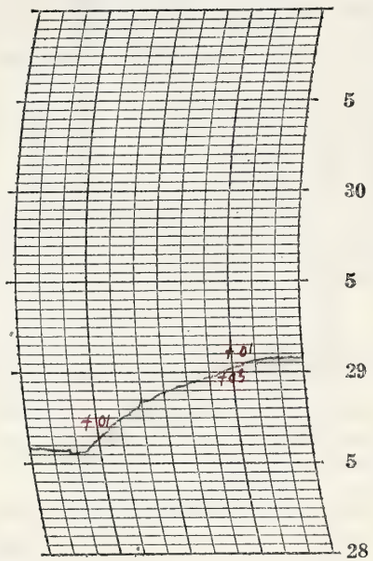


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Cloudy during the day becoming partly cloudy late in the evening. Snow flurries in the early morning made streets and sidewalks slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	31	30	30	30	31	33	36	38	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunrise: Time, 5.47 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)						# 0.18	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	NW	NW	NW	N	NW	NW	NW	NW	NW	N	N
Wind movement	6	6	6	5	5	3	4	5	6	6	7	7
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	43	44	45	43	43	41	39	38	37	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 5.50 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.43 0.4						
Wind direction	NW	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	7	7	6	7	8	6	4	5	4	6	5	7
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 138
Average hourly velocity, 5.8 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 12:11 pm
Reduced barometer, 30.11 7 a. m. 30.14 7 p. m.
River gage, 14.3 feet
Relative humidity, 73 7 a. m. 43 7 p. m.

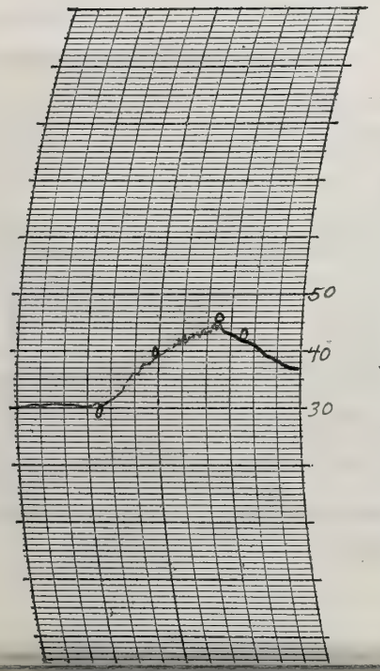
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 39.5 Wet temperature, 33.5
Dew-point, 24 R. humidity, 52 V. pressure, .124
Clouds: Amount, 1; Kind, cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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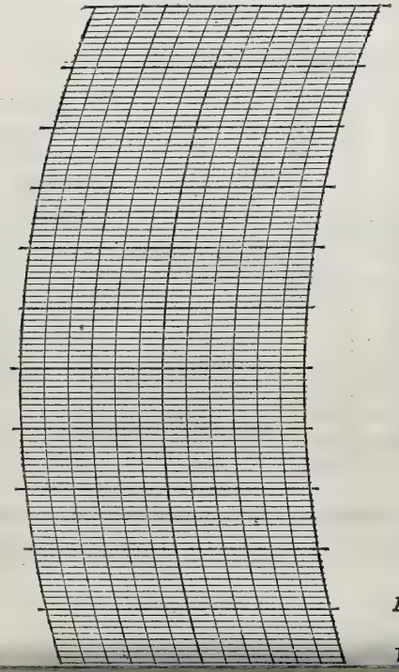
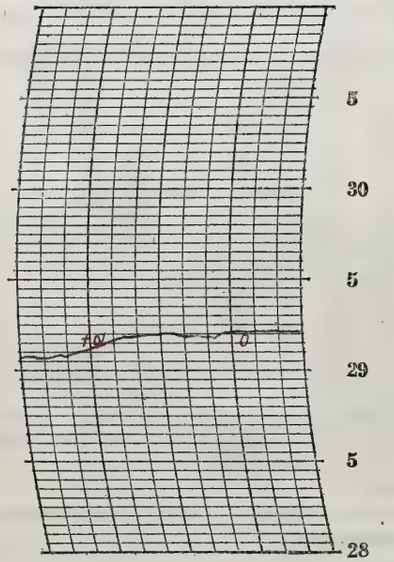


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

A heavy frost in the early morning. It was a clear, cool, beautiful day. Clear at night. Some cumulus and alto cumulus were visible during the day.
Wire trouble, sunshine observed all morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	34	33	33	35	38	44	48	51	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)						0.20 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	9	8	9	9	10	11	10	13	14	13

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	58	59	60	59	57	54	53	52	50	49	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.45 0.7						
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	13	16	16	16	15	12	11	12	13	14	12	11

Sunrise: Time, 5:48 Character, Clear
Moonrise:

Sunset: Time, 5:51 Character, Clear
Moonset:

Maximum velocities (exceeding 30 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

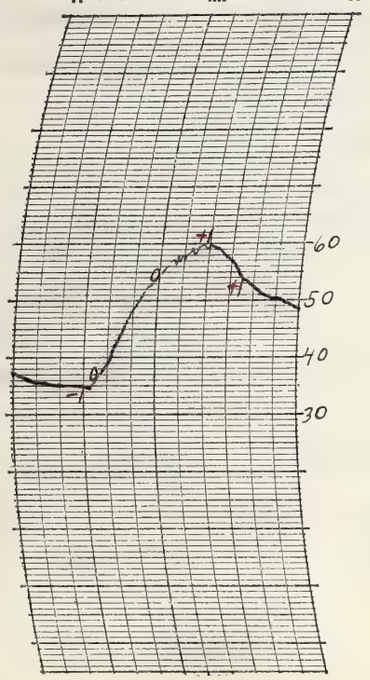
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	33	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 283
Average hourly velocity, 11.8 Extreme velocity, 24
Maximum velocity, 23 Direction, SW
Time began, 2:20 p.m.
Reduced barometer, 30.15 7 a. m. 29.97 7 p. m.
River gage, 13.8 feet
Relative humidity, 84 7 a. m. 55 7 p. m.

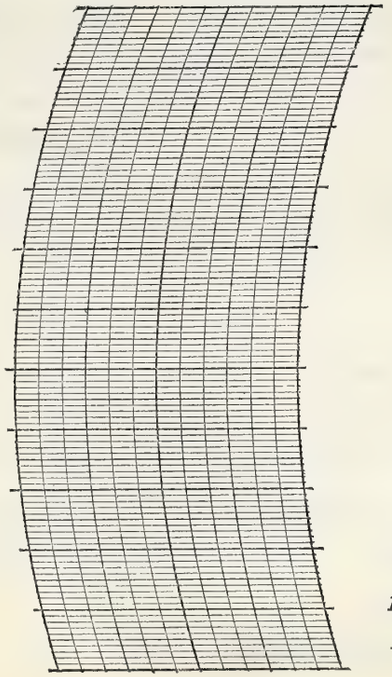
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.1 Wet temperature, 47.1
Dew-point, 40 R. humidity, 59 V. pressure, .247
Clouds: Amount, 1; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

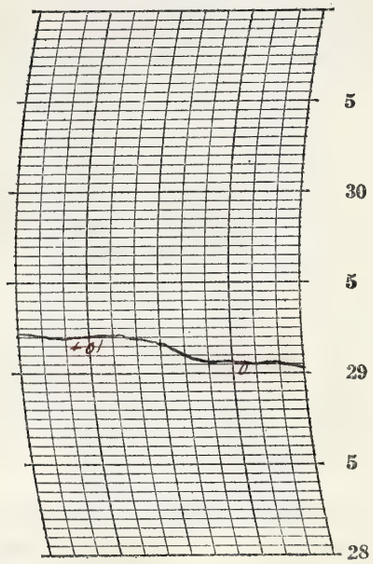
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. H.
Verified by E. H.

8—486

NOTES

A clear beautiful day, clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 1 1929, 192

Time (local standard) ____ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	44	43	43	44	46	50	52	52	49	51	49	50	49	48	47	44	44	44	43	41	40
State of weather: Nature of precipitation and time of beginning and ending												RB 11:15 RE 11:38	RB 12:35		RE 2:10	RB 3:50				RE 8:00				
Amounts of precipitation												.03	T	.04	T	T	T	T	.02	.01				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.23 C	0.5 0.5	0.8	1.0	1.0	1.0	0.3	0.4	0	0.5	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	11	12	13	13	12	13	14	15	18	17	10	10	10	12	11	9	11	11	6	7	5	6	8
Maximum velocities (exceeding ____ miles) direction and time																								

← Pt. Cldy. X Clear X Pt. Cldy. X — Cloudy — Pt. Cldy. X Clear →

Sunrise: Time, 5:46; Character, Clear. Moonrise:

Sunset: Time, 5:52; Character, Cloudy. Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy. Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 6.2 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 51

Prevailing wind direction, SW Total wind, 266

Average hourly velocity, 11.1 Extreme velocity, 24

Maximum velocity, 23 Direction, SW.

Time began, 9:42 a. m.

Reduced barometer, 29.88 7 a. m. 29.87 7 p. m.

River gage, 12.8 feet

Relative humidity, 68 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

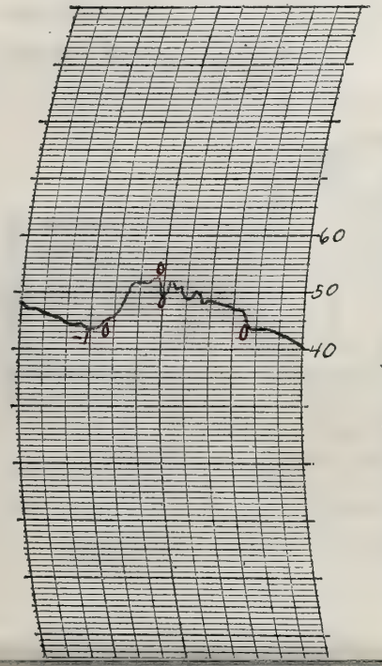
Dry temperature, 48.9 Wet temperature, 47.0

Dew-point, 45 R. humidity, 88 V. pressure, .298

Clouds: Amount, 10; Kind, st cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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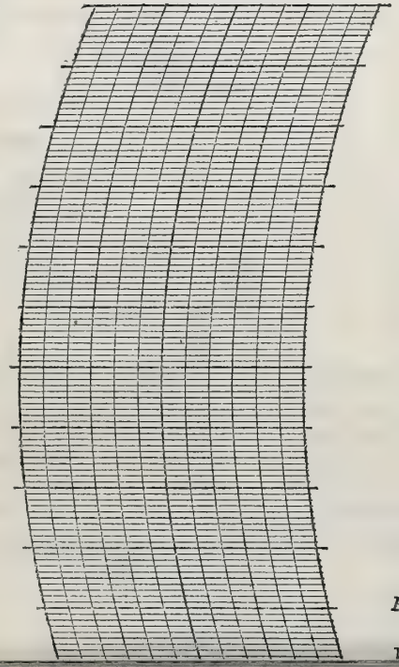
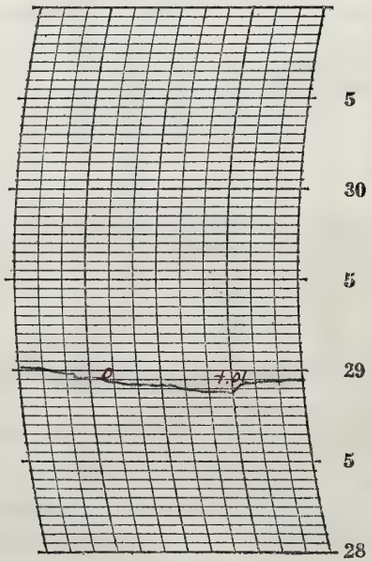


BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

Partly cloudy in the early morning becoming unsettled, and showers off and on most of the day. Cloudy at night with most of the stars visible near eleven p.m. Streets were not slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 20 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	38	37	36	36	37	40	42	43	45
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cloudy				Partly Cloudy		
Sunshine (in tenths of hours)						0	0.4	0	0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	7	7	6	8	7	7	7	10	12	14	11	10

Sunrise: Time, 5:44 Character, Clear. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	49	50	52	52	51	50	50	49	49	48	48
State of weather: Nature of precipitation and time of beginning and ending											AB 10:10 AE 10:20	
Amounts of precipitation											Tr	
Cloudiness and other conditions					Cloudy						Partly Cloudy	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0						
Wind direction	SW	SW	SW	SW	SW	S	SE	E	SE	SW	SW	SW
Wind movement	10	9	8	7	4	4	2	2	3	8	6	11

Sunset: Time, 5:53 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

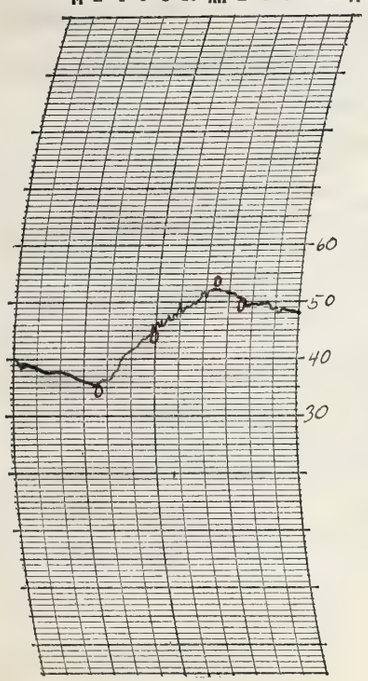
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind, 180
Average hourly velocity, 7.5 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 9:39 a.m.
Reduced barometer, 29.94 7a. m. 29.84 7p. m.
River gage, 12.2 feet
Relative humidity, 75 7a. m. 60 7p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 45.2 Wet temperature, 38.4
Dew-point, 30 R. humidity, 53 V. pressure, .164
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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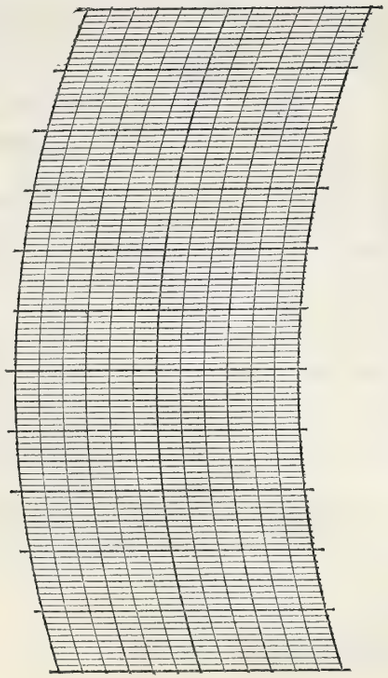

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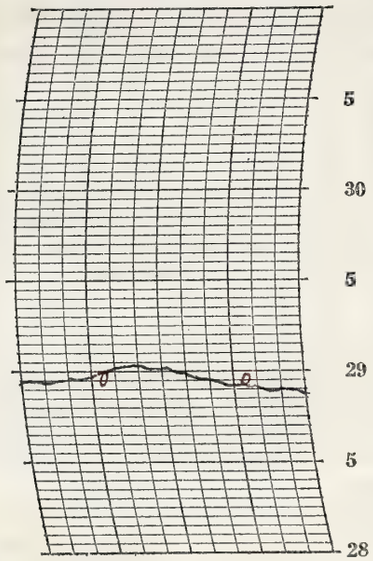


Prepared by E. J. S.

Verified by E. J. H.

8—486

NOTES

Mostly cloudy day, cool in morning, but warmer and pleasant in the afternoon. Light sprinkle at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) MAR 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	48	47	50	53	57	60	63	62	61	61	60	61	58	57	55	55	55	55	54	54
State of weather: Nature of precipitation and time of beginning and ending																							RB 10:50 RE 10:55	
Amounts of precipitation																							T	
Cloudiness and other conditions							Clear										Cloudy							
Sunshine (in tenths of hours)						0.26 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.7	1.0	0.8	0.2	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW
Wind movement	11	11	14	14	12	13	12	14	15	17	16	19	20	22	20	19	19	17	15	13	9	7	4	6
Maximum velocities (exceeding 24 miles) direction and time														19 SW 1:36										

Sunrise: Time, 5:43 Character, Clear
Moonrise:

Sunset: Time, 5:54 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

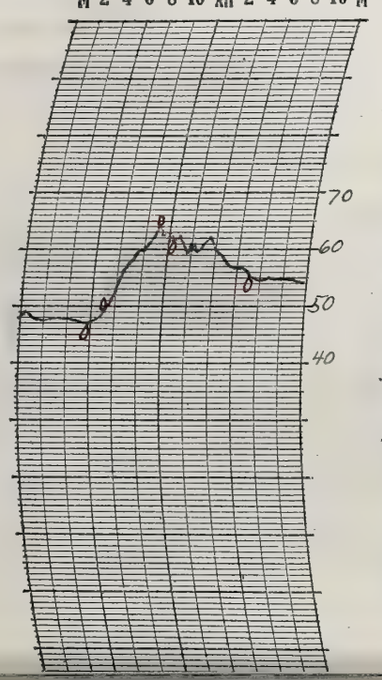
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	47	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, PT Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.8 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 80
Prevailing wind direction, SW Total wind, 339
Average hourly velocity, 14.1 Extreme velocity, 30
Maximum velocity, 29 Direction, SW
Time began, 1:36 p.m.
Reduced barometer, 29.72 7 a. m. 29.76 7 p. m.
River gage, 10.9 feet
Relative humidity, 74 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 54.8
Dew-point, 50 R. humidity, 63 V. pressure, .360
Clouds: Amount, 8; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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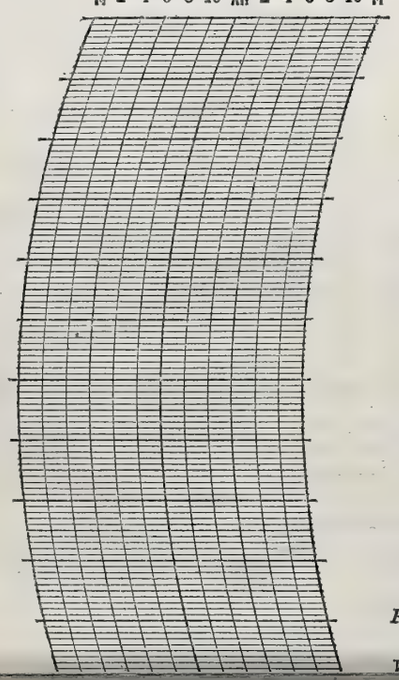
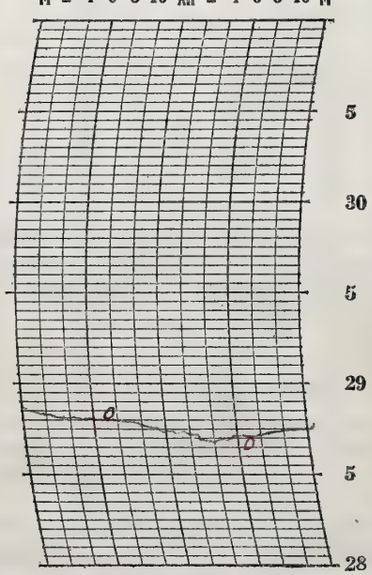


BAROGRAPH.



Prepared by C. J. B.
Verified by E. L. H.

NOTES

A light sprinkle fell in the late evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	51	48	46	45	44	44	45	46	47	48
Nature of precipitation and time of beginning and ending										RB 9:00		RE 11:35
Amounts of precipitation										T	T	T
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	NE	NE	NE	NE	E	NE	E	E	E	NE
Wind movement	5	3	7	9	8	7	7	8	8	7	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	50	51	52	54	57	59	59	58	59
Nature of precipitation and time of beginning and ending	RB 12:10				RE 4:45							
Amounts of precipitation	.01	.01	.08	T	.01							
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	E	NE	NE	NE	NE	SE	S	S	S	S
Wind movement	8	9	7	7	6	3	4	8	11	12	10	11

State of weather.

Sunrise: Time, 5:41 Character, Cloudy

Moonrise:

Sunset: Time, 5:55 Character, Cloudy

Moonset:

Maximum velocities (exceeding 21 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .11 ins.

Total precipitation, midnight to midnight, .11 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 178

Average hourly velocity, 7.4 Extreme velocity, 17

Maximum velocity, 16 Direction, S

Time began, 8:50 p.m.

Reduced barometer, 29.76 7 a. m. 29.61 7 p. m.

River gage, 9.0 feet

Relative humidity, 94 7 a. m. 99 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

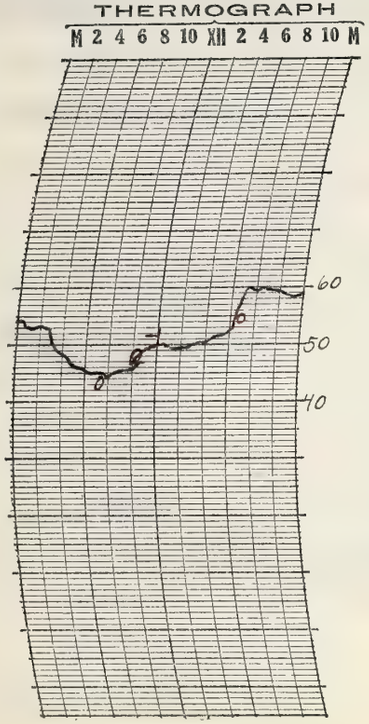
Dry temperature, 48.3 Wet temperature, 48.1

Dew-point, 48 R. humidity, 98 V. pressure, .334

Clouds: Amount, 10; Kind, st; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH



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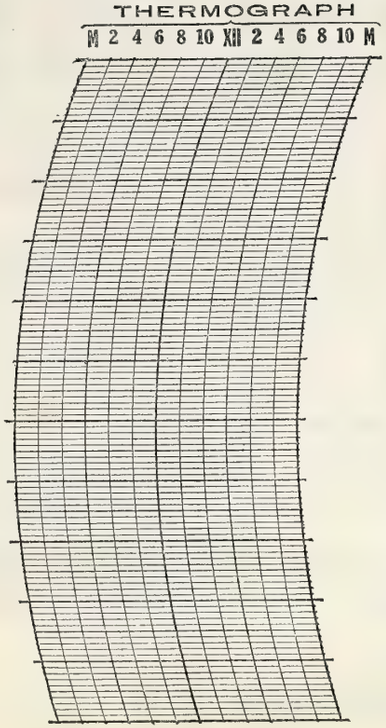
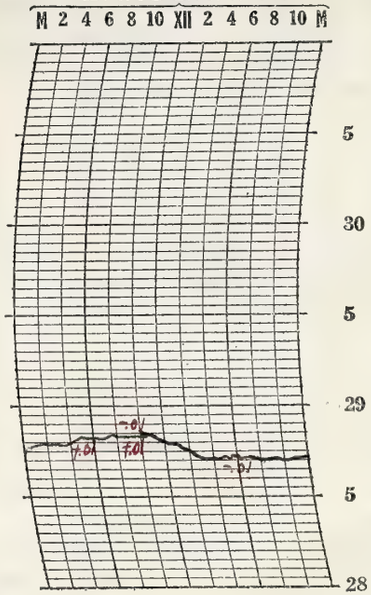


BAROGRAPH.



Prepared by CS

Verified by E.L.H.

8—436

NOTES

It was cloudy during the day with some rain in the morning and afternoon. At about 9:30 p.m. a lunar halo was observed. At times it was obscured by low clouds but it would again appear after they had passed. It was observed faintly at 11:15 p.m.

Very cloudy rainy foggy day. Cloudy at night. Visibility very poor. At 9:50 a.m. the visibility was ½ mile with a ceiling of 400-500 feet.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Myers Fla, (Day of week) Saturday, (Date) MAR 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	60	60	60	60	61	61	63	64	66	69
State of weather: Nature of precipitation and time of beginning and ending			BR BN2 BE BN2					RB 7:10 RE 7:20				
Amounts of precipitation			T					T				
Cloudiness and other conditions					<			Cloudy				
Sunrise: Time, 5:39 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0.4	1.0	0.7	0.7	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	S	S	SW	SW
Wind movement	11	10	10	11	8	8	7	9	12	13	12	10
Maximum velocities (exceeding 25 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	74	74	72	66	61	58	56	55	54	50
State of weather: Nature of precipitation and time of beginning and ending												RB 11:30
Amounts of precipitation												.15
Cloudiness and other conditions	X		Pt Cloudy			X	Clear	X		Pt Cldy	X	Cldy
Sunset: Time, 5:56 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0.2						
Wind direction	W	SW	SW	SW	W	N	N	N	N	NE	NE	NE
Wind movement	9	9	10	10	8	7	8	7	7	8	10	11
Maximum velocities (exceeding 25 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

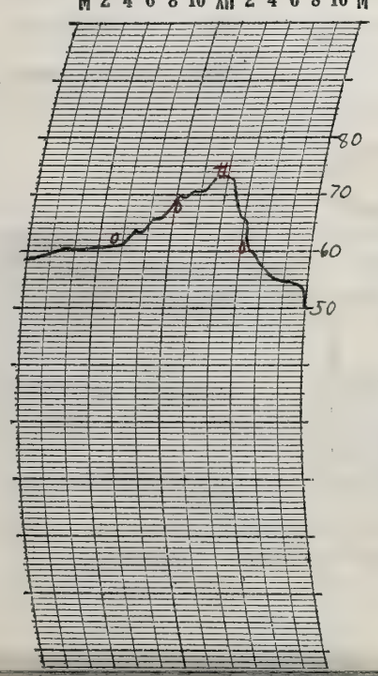
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.6 Possible sunshine, hours, 0.3
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 30
Maximum velocity, 23 Direction, NW
Time began, 11:41 p.m.
Reduced barometer, 29.62 7 a. m. 29.75 7 p. m.
River gage, 7.6 feet
Relative humidity, 94 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.1 Wet temperature, 63.9
Dew-point, 61 R. humidity, 76 V. pressure, .536
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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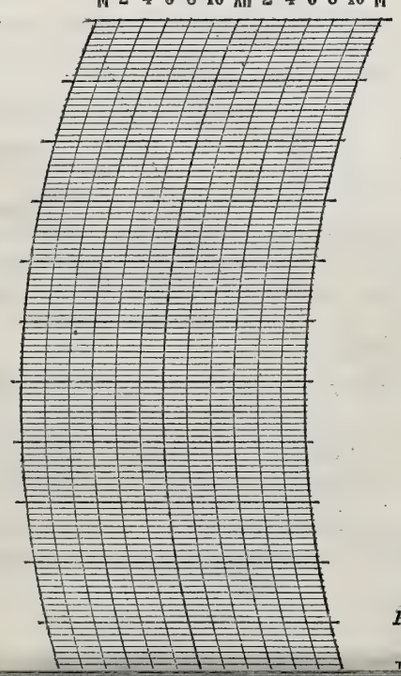
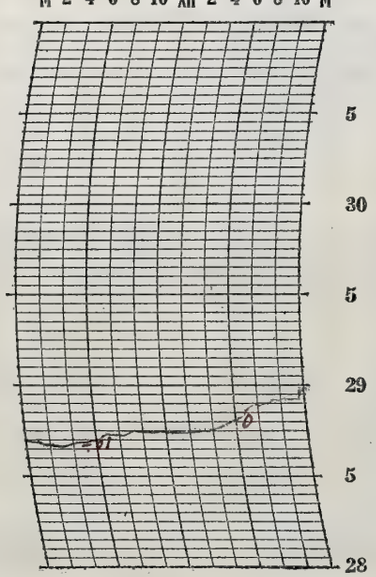


BAROGRAPH.



Prepared by [illegible]

Verified by R. L. H

NOTES

Lightning was seen in the north about 9:00 p.m. with the first thunder heard at 11:35 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	48	46	45	44	43	42	43	44	47	47	47	47	47	48	48	48	47	46	45	45	49
State of weather: Nature of precipitation and time of beginning and ending	RE DN a																							
Amounts of precipitation	23																							
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0.7	1.0	1.0	1.0	0.9	0	0	0						
Wind direction	NE	NE	NE	E	NE	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	10	10	9	9	8	8	9	11	11	11	10	9	10	9	11	10	10	9	8	9	7	6	5	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:38 Character, Cloudy
Moonrise:
Sunset: Time, 5:57 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

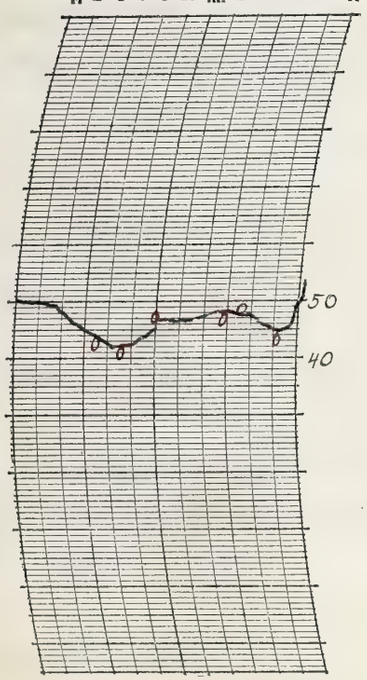
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	42	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.28 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 23 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 4.6 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 37
Prevailing wind direction, E Total wind, 212
Average hourly velocity, 8.8 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 12:25 p.m.
Reduced barometer, 30.01 7 a. m. 29.96 7 p. m.
River gage, 7.0 feet
Relative humidity, 94 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.0 Wet temperature, 45.0
Dew-point, 43 R. humidity, 86 V. pressure, .277
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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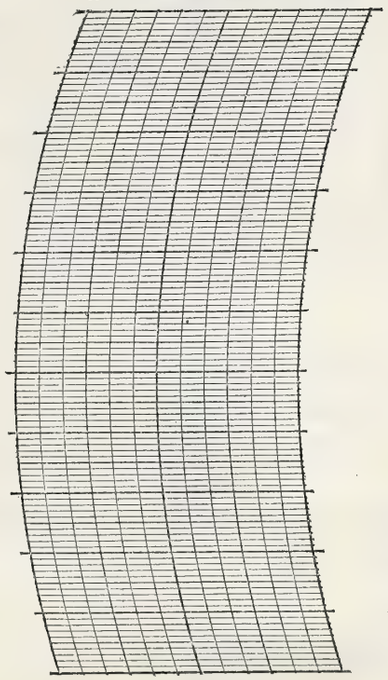
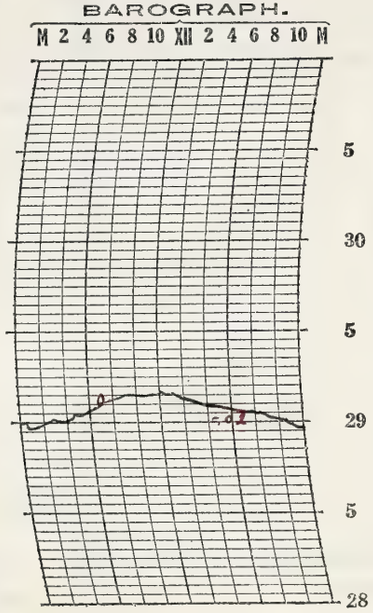


BAROGRAPH.



Prepared by CJS
Verified by E.A.H.

8—486

NOTES

Today is Palm Sunday. The sky was overcast, with temperatures cooler than yesterday but still quite pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 25 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	64	64	65	66	66	68	67	69	72	73	75	75	71	64	55	52	51	50	49	47	47	46	45
State of weather: Nature of precipitation and time of beginning and ending			RB DN2 RE DN2												RB 2:42 RE 2:55						RB 8:25			
Amounts of precipitation			T												T						T	.02	0.5	.03
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)						0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.6	0	0						
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	N	NW
Wind movement	10	12	10	10	13	12	14	14	11	11	14	13	12	12	12	14	13	9	9	8	10	4	4	8

Sunrise: Time, 5:36 Character, Cloudy
Moonrise:
Sunset: Time, 5:58 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

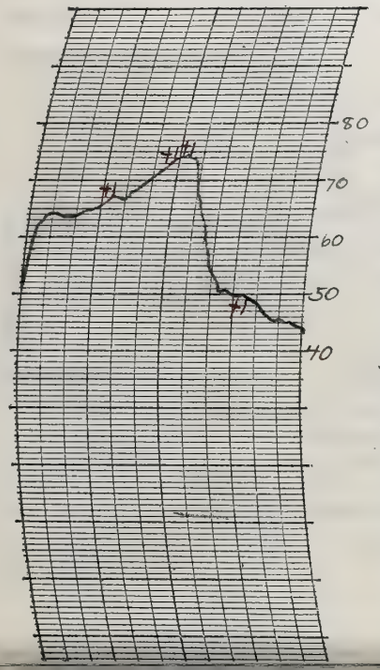
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	45	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 6.9 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 56
Prevailing wind direction, SW Total wind, 259
Average hourly velocity, 10.8 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 12:08 am
Reduced barometer, 29.82 7 a. m. 29.91 7 p. m.
River gage, 6.9 feet
Relative humidity, 57 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 74.9 Wet temperature, 64.4
Dew-point, 59 R. humidity, 57 V. pressure, .499
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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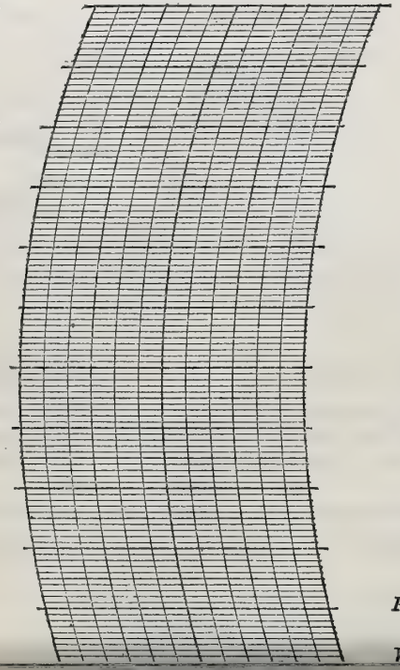
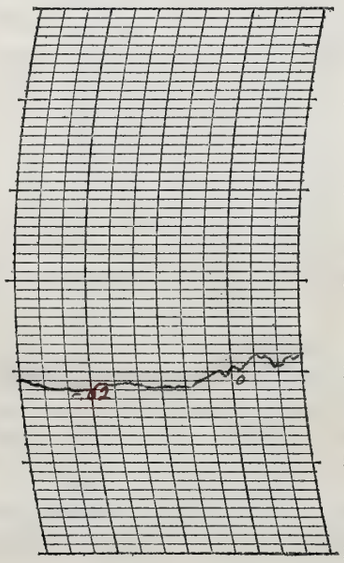


BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

NOTES

A cloudy day with rain begining at 8:25 p.m. and continueing. Also a light sprinkle in the morning and again in the afternoon. At 8:25 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 26 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	42	42	41	41	40	40	41	44	46	47	48
Nature of precipitation and time of beginning and ending			PE DN2									
Amounts of precipitation	.04	.03	T									
Cloudiness and other conditions					<		Cloudy			X	Pt Cldy	
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NW	NW
Wind movement	8	7	6	7	8	6	7	8	6	6	8	9

Sunrise: Time, 5:34 Character, Cloudy. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	53	52	51	50	48	48	46	44	44	43
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X	Clear	X	Pt Cldy		X		Clear			>	
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.4	0.48 0.5						
Wind direction	NW	NW	W	W	NW	NW	NW	W	W	SW	SW	SW
Wind movement	10	12	12	11	10	7	5	3	3	5	6	8

Sunset: Time, 5:59 Character, Clear. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

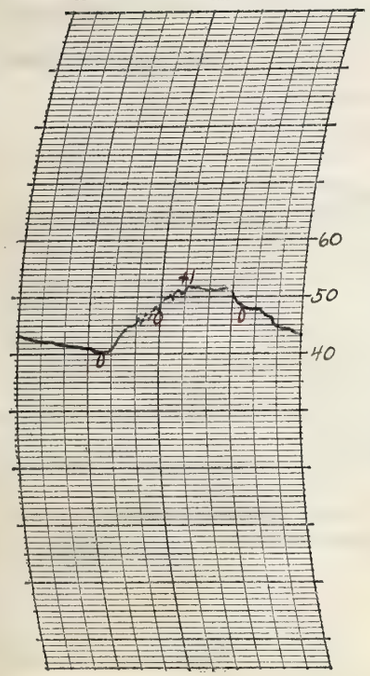
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	40	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.5 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 83
Prevailing wind direction, NW Total wind, 178
Average hourly velocity, 7.4 Extreme velocity, 17
Maximum velocity, 15 Direction, NW
Time began, 12:47 p.m.
Reduced barometer, 30.07 7 a. m. 30.18 7 p. m.
River gage, 6.7 feet
Relative humidity, 88 7 a. m. 50 7 p. m.

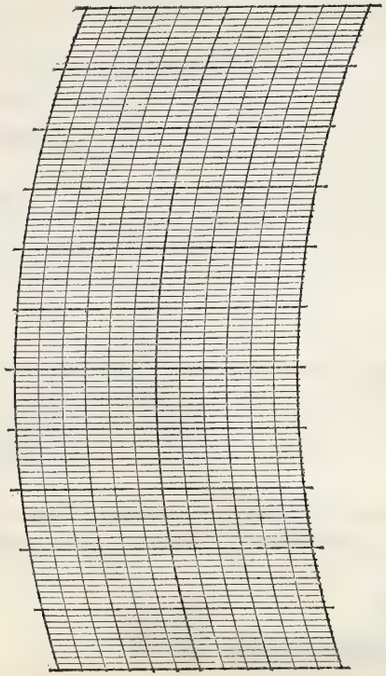
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 48.0 Wet temperature, 42.0
Dew-point, 35 R. humidity, 60 V. pressure, .203
Clouds: Amount, 3; Kind, Cu Cu; Direction, SW SW
Velocity of clouds (miles per hour)

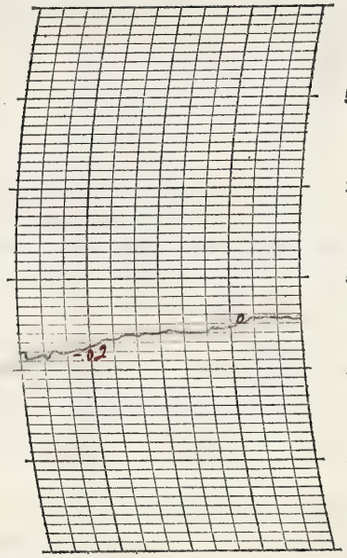
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Rain continued falling from yesterday and ended during the early morning. The sky cleared up by evening and the stars were visible.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) [illegible], 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	40	40	42	47	52	56	57	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<	Clear	X				+	
Sunshine (in tenths of hours)						0.45 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	6	6	8	7	7	8	10	13	15	16	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	62	62	61	58	56	54	53	52	52	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy									X	Clear	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7	0.1						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	16	19	18	19	15	14	13	13	11	11	12	12

Sunrise: Time, 5:33 Character, Clear
Moonrise:
Sunset: Time, 6:00 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

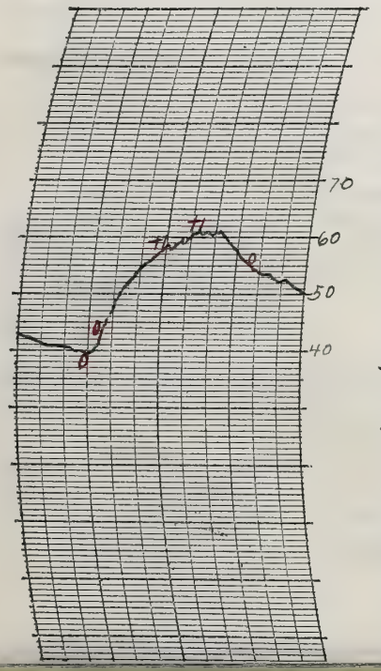
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	40	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.2 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 90
Prevailing wind direction, SW Total wind, 292
Average hourly velocity, 12.2 Extreme velocity, 29
Maximum velocity, 25 Direction, SW
Time began, 2:00 p.m.
Reduced barometer, 30.20 7 a. m. 29.97 7 p. m.
River gage, 8.0 feet
Relative humidity, 66 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 57.2 Wet temperature, 45.7
Dew-point, 29 R. humidity, 32 V. pressure, .157
Clouds: Amount, 7; Kind, cirst; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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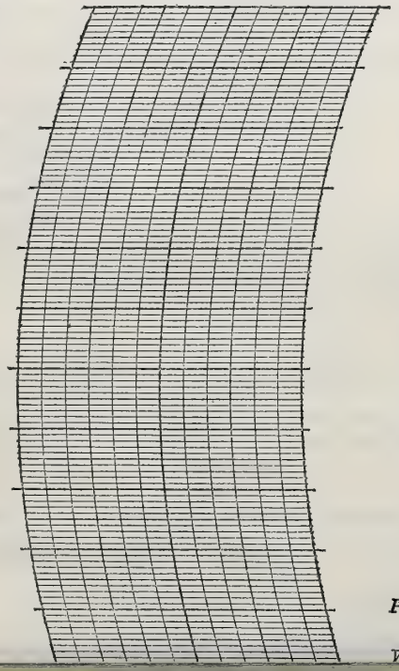
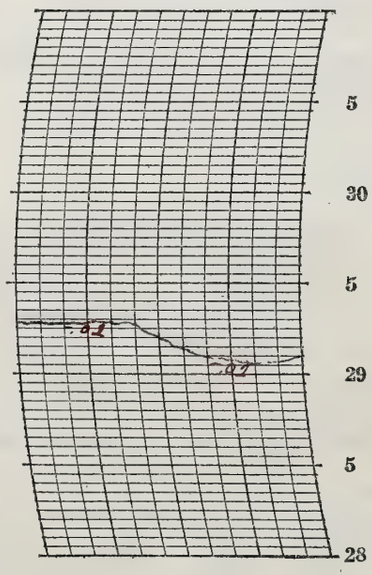


BAROGRAPH.



Prepared by CH

Verified by E.L.H

NOTES

It was partly cloudy most of the day. A light to fresh southwesterly wind generally prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 28 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	44	42	41	41	43	45	47	50	51	53	54	55	54	54	52	50	50	48	46	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					<								Clear						X	Cldy				>
Sunrise: Time, 5:31 Character, Clear																					Sunset: Time, 6:01 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.48 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0	0.08 0					
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NE	NE	NE	NE
Wind movement	11	12	11	11	12	12	11	13	15	12	11	11	12	11	10	8	7	7	6	3	3	3	3	2
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.5

Per cent of possible sunshine, 98

Prevailing wind direction, NW Total wind, 217

Average hourly velocity, 9.0 Extreme velocity, 20

Maximum velocity, 19 Direction, NW

Time began, 8:46 a.m.

Reduced barometer, 30.21 7 a. m. 30.30 7 p. m.

River gage, 7.4 feet

Relative humidity, 66 7 a. m. 43 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

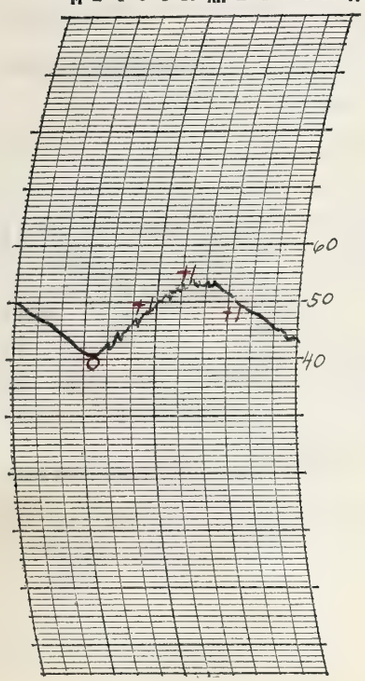
Dry temperature, 51.3 Wet temperature, 41.1

Dew-point, 25 R. humidity, 39 V. pressure, 15.0

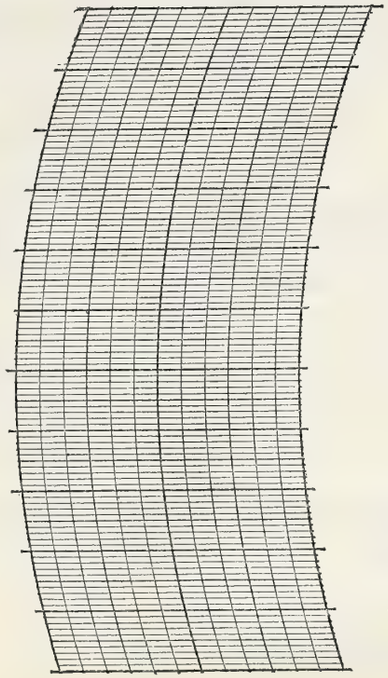
Clouds: Amount, few; Kind, cirr.; Direction, NW

Velocity of clouds (miles per hour)

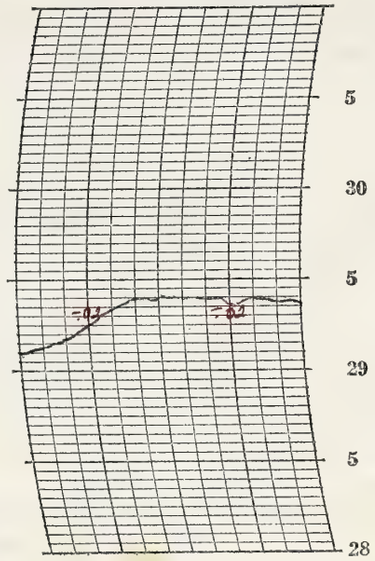
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A clear day with a few clouds until late afternoon when it became partly cloudy.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 29 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	41	40	39	40	43	45	47	48	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Cloudy	→
Sunshine (in tenths of hours)						0	0.1	0.8	0.7	0.9	1.0	1.0
Wind direction	NE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	5	7	7	8	7	7	10	9	10	10	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	46	45	45	44	43	43	42	42	43	43
State of weather: Nature of precipitation and time of beginning and ending							RB 6.15			RE 10:00		
Amounts of precipitation							.02	.03	.01	T		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0					
Wind direction	SE	SE	SE	SE	E	SE	SE	E	E	SE	SE	SE
Wind movement	10	9	14	9	7	7	7	5	5	5	6	5

Maximum velocities (exceeding 20 miles) direction and time

Sunrise: Time, 5:29 Character, Cloudy

Moonrise:

Sunset: Time, 6:02 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	39	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.6 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 36

Prevailing wind direction, SE Total wind, 182

Average hourly velocity, 7.6 Extreme velocity, 18

Maximum velocity, 17 Direction, SE

Time began, 2:43 p.m.

Reduced barometer, 30.23 7 a. m. 29.93 7 p. m.

River gage, 6.3 feet

Relative humidity, 68 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

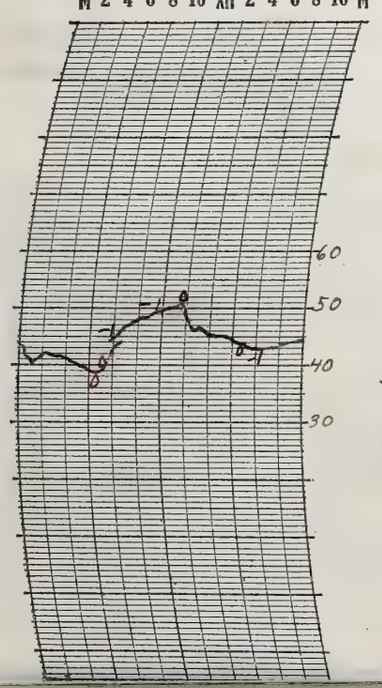
Dry temperature, 48.2 Wet temperature, 38.8

Dew-point, 26 R. humidity, 40 V. pressure, .136

Clouds: Amount, 10; Kind, Cst.; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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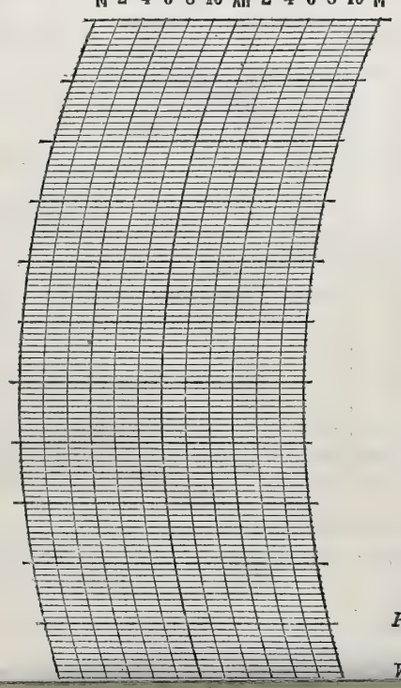
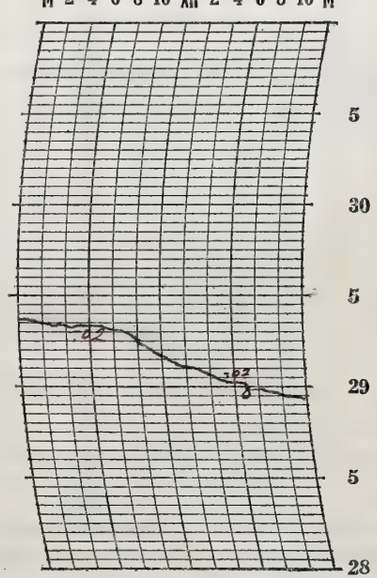


BAROGRAPH.



Prepared by

Verified by

NOTES

Today is Good Friday.
A cloudy day with high clouds in the morning. There was a light rain in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 30 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	45	45	45	45	45	46	46	47	49	51	53	54	56	57	58	58	57	56	54	53	52	52	52
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←					Cloudy				×				PC	Cloudy						→
Sunshine (in tenths of hours)						0	0	0	0	0.7	0.1	0.3	0.4	0.4	1.0	0.9	0.9	0.1	0					
Wind direction	S	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	S	SE	S	S	S
Wind movement	7	6	8	6	7	5	6	7	7	10	9	8	8	7	8	8	5	4	2	3	4	6	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:28 Character, Cloudy
Moonrise: ——— ———
Sunset: Time, 6:03 Character, Cloudy
Moonset: ——— ———

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

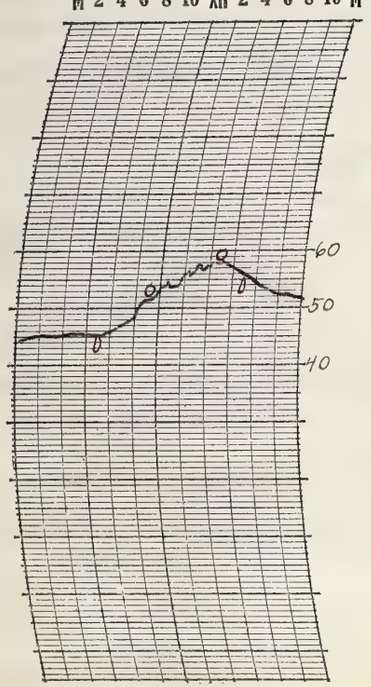
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	43	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ———
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.8 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 38
Prevailing wind direction, SW Total wind, 152
Average hourly velocity, 6.3 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 9:35 a.m.
Reduced barometer, 29.96 7 a. m., 29.67 7 p. m.
River gage, 5.6 feet
Relative humidity, 94 7 a. m., 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 49.6
Dew-point, 46 R. humidity, 77 V. pressure, 310
Clouds: Amount, 10; Kind, stcu; Direction, W
Velocity of clouds (miles per hour) ———

THERMOGRAPH



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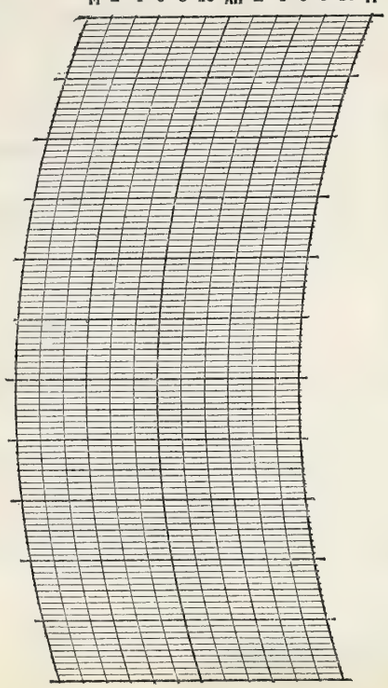
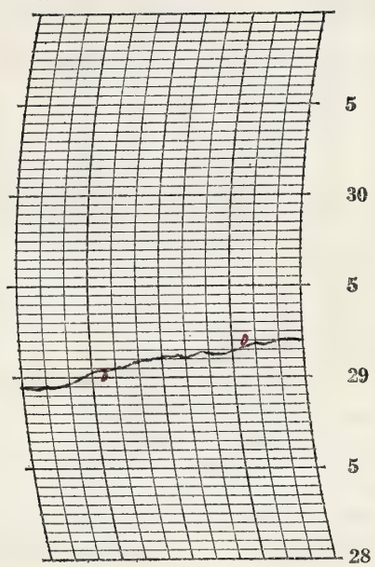


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 31 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	46	44	43	43	42	40	42	46	48	50	50	51	54	54	60	62	59	52	49	56	63	56
State of weather: Nature of precipitation and time of beginning and ending												RB 11:25	RE 12:30			RB 3:45		RE 5:10				RB 9:35		R Cont.
Amounts of precipitation												.01	03			.14	.13	.01				T	.08	.77
Cloudiness and other conditions												Cloudy												

Sunrise: Time, 5:26 Character, Cloudy
Moonrise:
Sunset: Time, 6:04 Character, Cloudy
Moonset:

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0.2	1.0	0.1	0	0	0	0.5	0.1	0	0	0					
Wind direction	SE	E	E	E	E	E	E	E	NE	E	E	E	E	NE	NE	N	SE	S	SW	E	E	E	S	SW
Wind movement	3	3	3	4	6	7	10	10	14	12	10	11	5	6	8	7	10	12	3	7	9	6	12	14
Maximum velocities (exceeding 20 miles) direction and time																	28 S 4:54							

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	40	52	

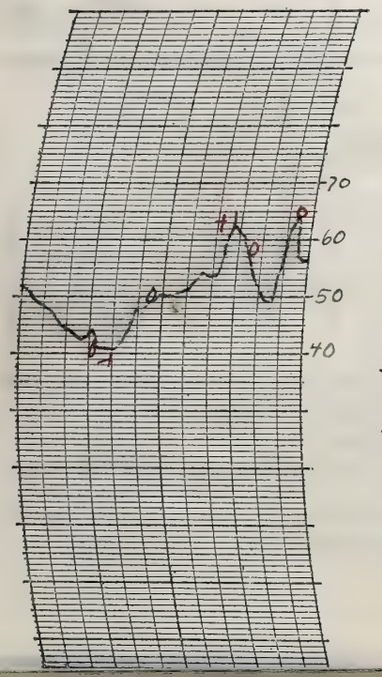
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .32 ins.
Total precipitation, midnight to midnight, .117 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.9 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 15
Prevailing wind direction, E Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 29
Maximum velocity, 28 Direction, S
Time began, 4:54 p.m.
Reduced barometer, 30.08 7 a. m. 29.67 7 p. m.
River gage, 5.3 feet
Relative humidity, 88 7 a. m. 81 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts		April 1	1.80	11:12 pm	April 1, 12:30 am	0.12	.18	.28	.32	.36	.40	.42	.49	.54	.71	.75	.95	1.34		

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.2 Wet temperature, 48.2
Dew-point, 46 R. humidity, 87 V. pressure, .310
Clouds: Amount, 10; Kind, St; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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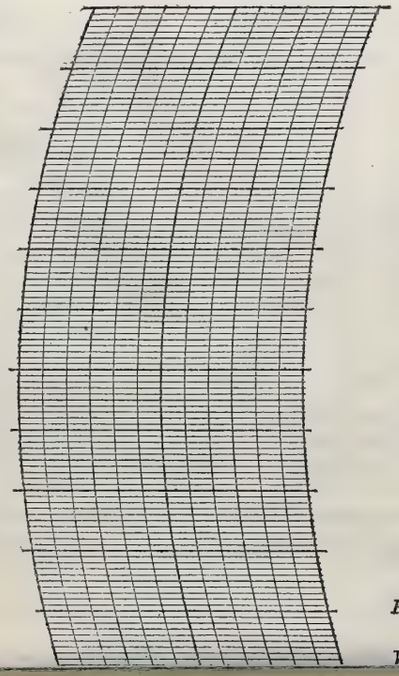
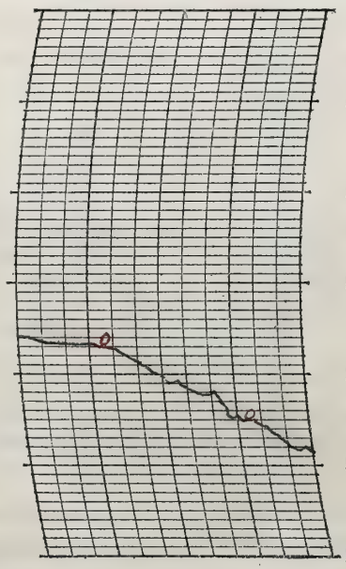


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Today is Easter Sunday. A billiant rainbow was observed shortly after 4:00 p.m. There were several thunder storms during the day with thunder first heard at 11:25 a.m.; 3:45 p.m and 10:30 p. The lightning was very dazzling in the evening and it continued. The rain became very heavy after eleven p.m. and caused some damage.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APRIL 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	60	50	45	40	39	35	33	32	33	32	33	33	34	34	34	34	34	34	34	34	33	32
State of weather: Nature of precipitation and time of beginning and ending	R cont				RE DNa		SDB 6:10 SDE 6:30		SDB 8:00				SDE 12:45	SDB 1:50		SDE 4.00								
Amounts of precipitation	.22	.18	T	.05	T		T		T	T	T	T	T	T	T	T								
Cloudiness and other conditions	Cloudy																				Pc Clear			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.4	0.2	0	0.2	0	0	0	0					
Wind direction	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	15	17	19	22	26	25	25	28	26	25	24	25	24	28	28	26	21	20	16	14	10	6	4	3
Maximum velocities (exceeding 24 miles) direction and time				25 W 3:44	29 SW 4.08	31 SW 5:16	30 SW 6:18	31 SW 7:50	31 SW 8:12	30 W 9:32	30 SW 10:48	29 W 11:30	29 W 12:26	31 W 1:36	32 W 2:44	30 W 3:10								

Sunrise: Time, 5:24 Character, Cloudy
Moonrise:
Sunset: Time, 6:06 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	32	46	

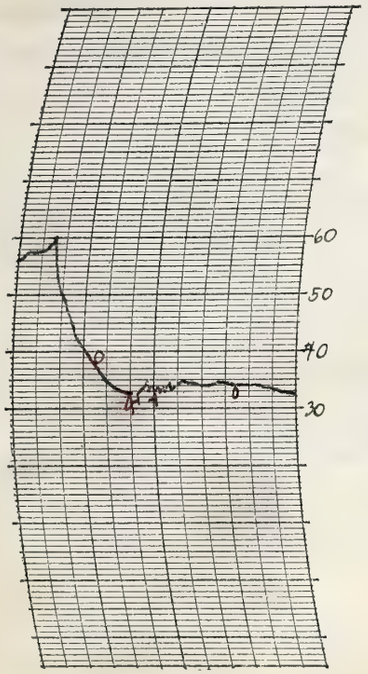
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 1.80 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 1.95 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.8 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 6
Prevailing wind direction, W Total wind, 477
Average hourly velocity, 19.9 Extreme velocity, 34
Maximum velocity, 32 Direction, W
Time began, 2:14 p. m.
Reduced barometer, 29.50 7 a. m. 30.20 7 p. m.
River gage, 13.7 feet
Relative humidity, 64 7 a. m. 81 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 30.1
Dew-point, 27 R. humidity, 80 V. pressure, .143
Clouds: Amount, 10; Kind, stu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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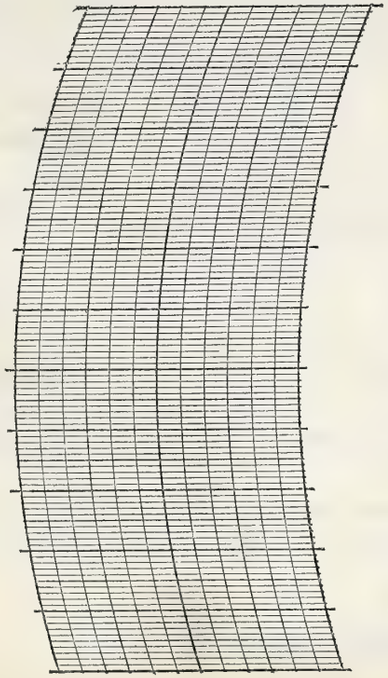
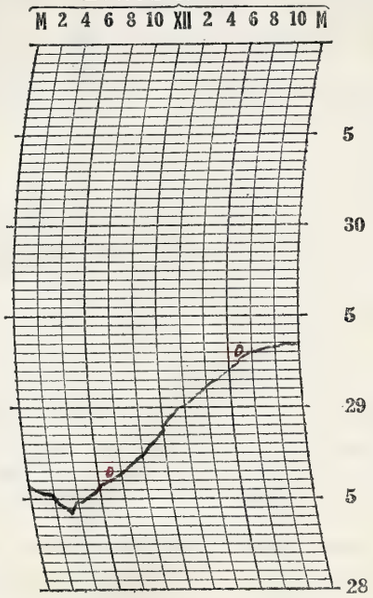


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

8—486

NOTES

A heavy rain fell in the early morning. Some streets and cellars were flooded. A moderate wind increased during the day to a strong breeze but gradually died down after mid-afternoon becoming light in the late evening. A windy boisterous day with some damage. Snow fell in the morning and afternoon at intervals. Several times the sun was shining while it was still snowing.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) APR 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	30	30	30	33	35	39	43	47	50
							SDB 6:55	SDE 7:15				
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							T	T				
Cloudiness and other conditions					← Clear		Cloudy		Pt Cloudy			
Sunshine (in tenths of hours)						0.6 0	0.3 0.2	0.2	0.9	1.0	1.0	1.0
Wind direction	SW	SW	S	S	S	S	S	S	S	S	SW	W
Wind movement	5	5	5	5	7	6	10	11	14	15	17	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	53	53	53	51	50	48	47	45	44	43	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0.7 0.3	0.12 0					
Wind direction	W	W	W	W	W	W	NW	NW	NE	E	E	E
Wind movement	18	17	16	16	10	5	3	2	4	5	5	5

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	30	42	

Sunrise: Time, 5:23 Character, Clear

Moonrise:

Sunset: Time, 6:02 Character, Clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.9 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 86

Prevailing wind direction, S Total wind, 220

Average hourly velocity, 9.2 Extreme velocity, 24

Maximum velocity, 22 Direction, W

Time began, 1:40 p.m.

Reduced barometer, 30.34 7 a. m. 30.31 7 p. m.

River gage, 14.8 feet

Relative humidity, 85 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

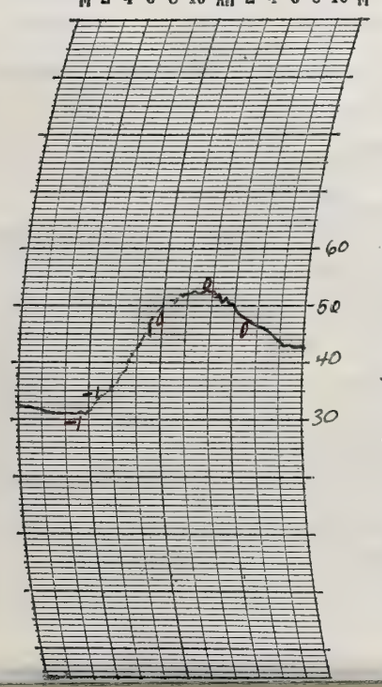
Dry temperature, 50.1 Wet temperature, 42.0

Dew-point, 32 R. humidity, 50 V. pressure, 1.80

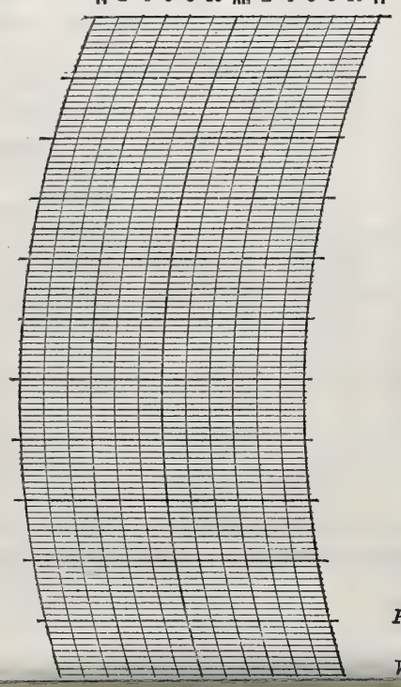
Clouds: Amount, 4; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

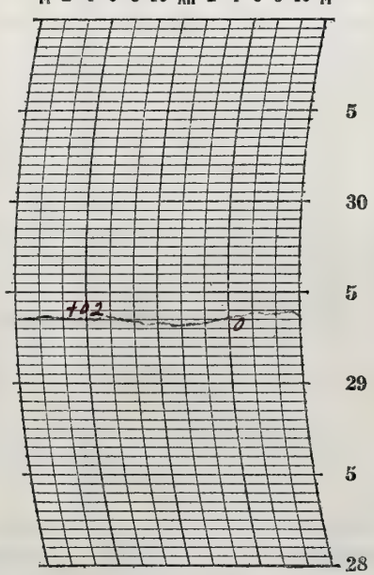
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E. L. H.

NOTES

A light snow fell in the morning but it cleared up in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 3 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	39	40	44	46	50	55	61	65	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cldy x		Pt Cldy x			Clear	
Sunshine (in tenths of hours)						0	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	S	S	SW	SW	SW	SW	SW
Wind movement	4	4	4	3	3	6	9	10	13	13	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	74	74	73	70	68	67	65	63	60	59
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Xpt Cldy		→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6 0.3	0					
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	S	SW	SW	SW
Wind movement	11	13	13	13	11	9	8	9	12	10	11	12

Sunrise: Time, 5:21 Character, Cloudy
Moonrise:
Sunset: Time, 6:05 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

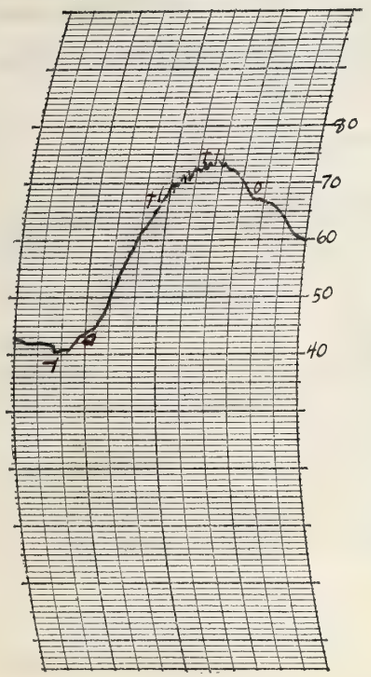
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	39	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.2 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 88
Prevailing wind direction, SW Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 17
Maximum velocity, 15 Direction, SW
Time began, 1:16 p.m.
Reduced barometer, 30.24 7 a. m. 30.14 7 p. m.
River gage, 12.4 feet
Relative humidity, 66 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.9 Wet temperature, 55.1
Dew-point, 44 R. humidity, 41 V. pressure, .287
Clouds: Amount, 2; Kind, ci; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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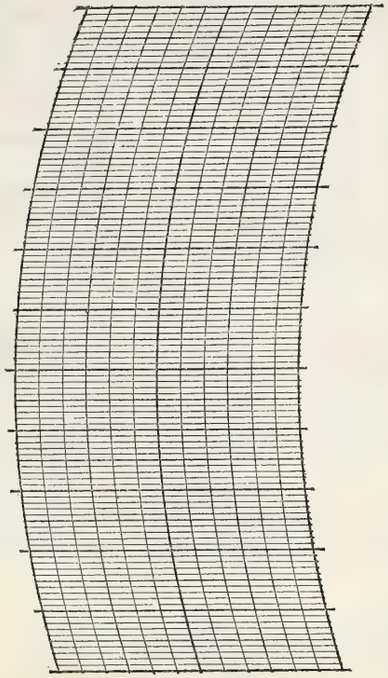
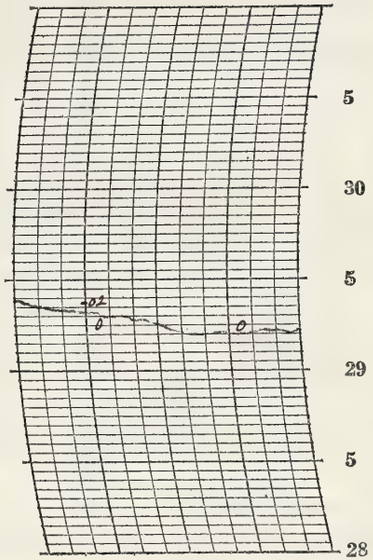


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A partly cloudy day mostly clear in the late morning and in the afternoon. Temperatures were quite pleasant. A light to moderate breeze prevailed. The river has fallen since it crested some time during the night of the 3rd.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Thursday, (Date) APR 4 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	55	56	57	57	57	56	61	63
State of weather: Nature of precipitation and time of beginning and ending		R+HB DNa RHE DNa							RB 8:00	RE 9:50		
Amounts of precipitation		.01							.11	.29		
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 5:19 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0.1	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	11	11	11	11	13	12	11	7	3	9	11	11
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	70	73	72	72	71	70	69	68	68	69	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	XPt Cldy	Clear	Pt Cldy	Cloudy				Pt Cldy	Clear			
Sunset: Time, 6:09 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0.9	0.1	0					
Wind direction	W	W	W	W	S	S	E	E	S	S	W	W
Wind movement	13	13	11	10	10	5	4	6	8	11	12	15
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	55	64	

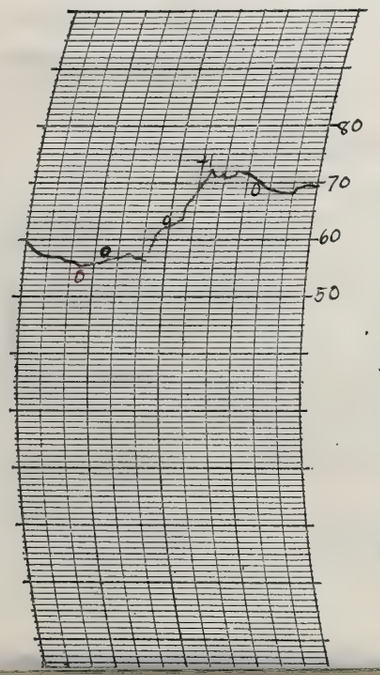
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .40 ins.
Total precipitation, midnight to midnight, .41 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.5 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 51
Prevailing wind direction, SW+W Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 11:10 p.m
Reduced barometer, 30.04 7 a. m, 29.92 7 p. m.
River gage, 9.9 fall
Relative humidity, 86 7 a. m. 80 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.2 Wet temperature, 60.1
Dew-point, 58 R. humidity, 84 V. pressure, .482
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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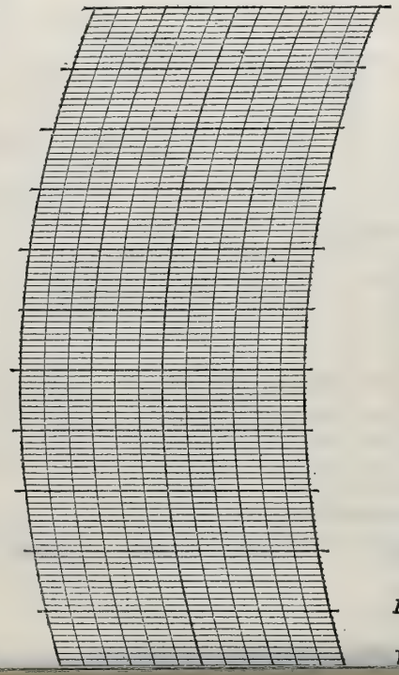
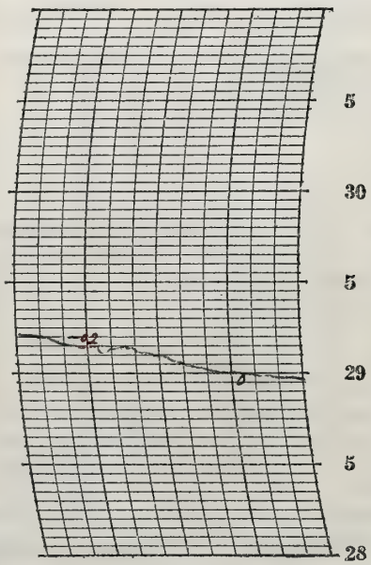


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Thunder was first heard about 1:20 a.m. There was hail and a thunderstorm for a short period between 1 and 2 a.m. Another thunderstorm occurred with thunder first heard at 7:57 a.m.

Heavy rain and thunder in a.m. followed by mostly clear and beautiful day in the afternoon. Mostly clear at night.

pen not working, found s wire broken data interpolated

The thunder in the early morning was first heard at about 1:20 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 5 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	67	66	68	70	71	74	75	77	78	80	82	81	80	76	75	73	71	70	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Pt Cloudy								→			
Sunshine (in tenths of hours)						0.72 0	0.4 0.6	1.0	1.0	1.0 #	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	17	16	11	11	10	11	14	17	17	18	17	17	17	19	18	15	16	15	15	17	20	20	17
Maximum velocities (exceeding 24 miles) direction and time											24 SW 10:21													

Sunrise: Time, 5:17 Character, Clear
Moonrise:
Sunset: Time, 6:10 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

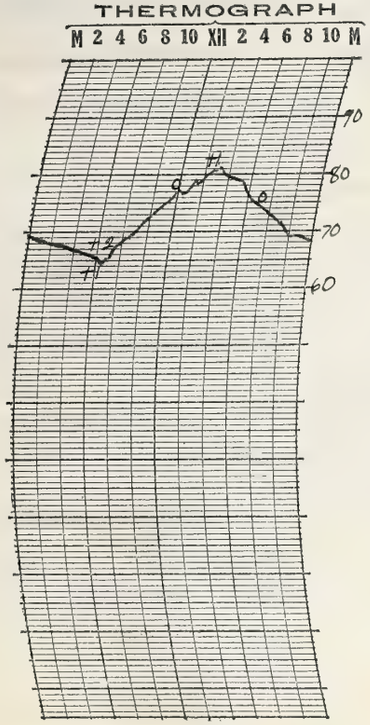
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.3 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 95
Prevailing wind direction, SW Total wind, 383
Average hourly velocity, 16.0 Extreme velocity, 27
Maximum velocity, 24 Direction, SW
Time began, 10:21 a.m.
Reduced barometer, 29.86 7 a. m. 29.79 7 p. m.
River gage, 10.8 feet
Relative humidity, 78 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 68.0
Dew-point, 64 R. humidity, 62 V. pressure, .595
Clouds: Amount, 6 2; Kind, cu 20; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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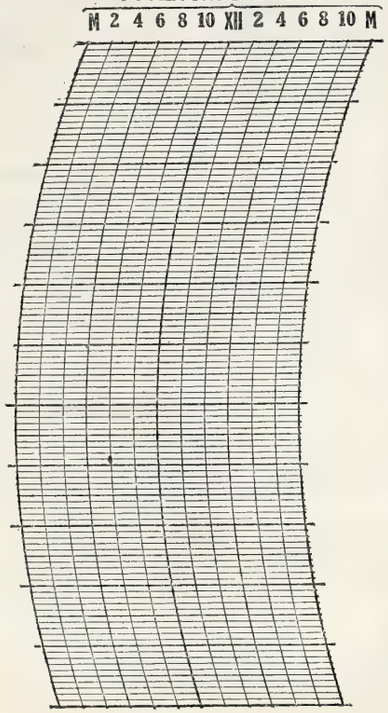
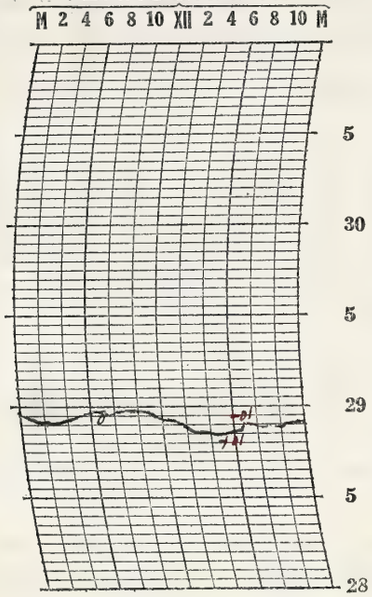


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—456

NOTES

Partly cloudy warm day.
South wire ~~found broken~~ data interpolated for past hours to 4:00 pm yesterday

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) August 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	68	67	67	70	73	75	77	78	79	81	82	83	82	81	78	76	74	72	70	68	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Pt Cloudy											→
Sunshine (in tenths of hours)						0.73 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW
Wind movement	17	16	14	17	13	15	15	17	17	16	15	16	12	12	12	13	13	9	10	10	10	9	6	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:16 Character, Clear
Moonrise:
Sunset: Time, 6:11 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	67	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.8 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 91
Prevailing wind direction, SW Total wind, 312
Average hourly velocity, 13.0 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 12:22 a.m.
Reduced barometer, 29.87 7 a. m. 29.88 7 p. m.
River gage, 9.7 feet
Relative humidity, 74 7 a. m. 65 7 p. m.

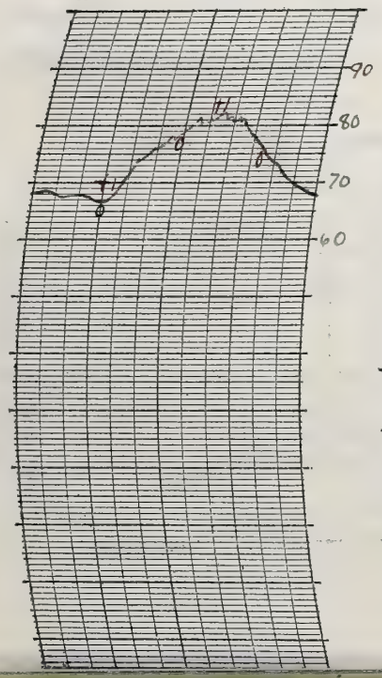
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 79.3 Wet temperature, 67.2
Dew-point, 61 R. humidity, 54 V. pressure, 5.36
Clouds: Amount, 3; Kind, ci; Direction, w
Velocity of clouds (miles per hour)

THERMOGRAPH



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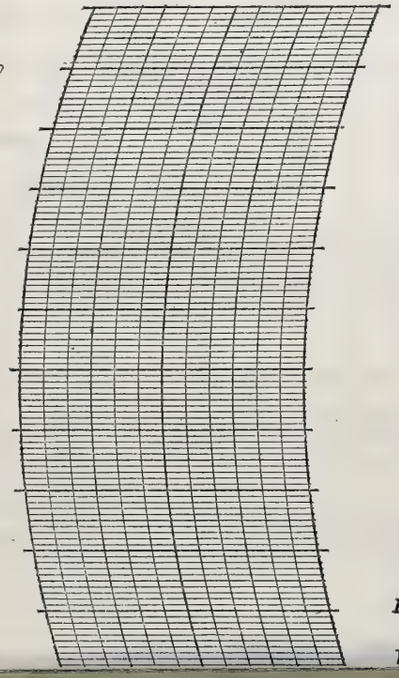
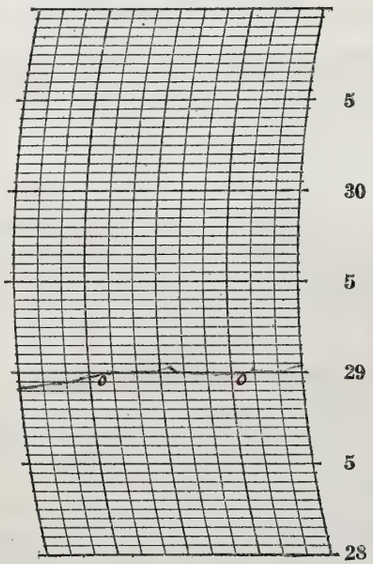


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Sun shone through thin clouds most of the day. Warm, beautiful day. Hottest day this year.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	64	65	67	69	73	75	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	9	10	9	12	13	16	17	20	21	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	81	80	78	77	75	74	72	70	62	61
State of weather: Nature of precipitation and time of beginning and ending											RB 10:00	R cont
Amounts of precipitation											.24	.19
Cloudiness and other conditions	Pt Cloudy								Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	W	W
Wind movement	20	18	18	18	14	10	8	10	12	11	9	5

Sunrise: Time, 5:14 Character, Cloudy
Moonrise:
Sunset: Time, 6:12 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

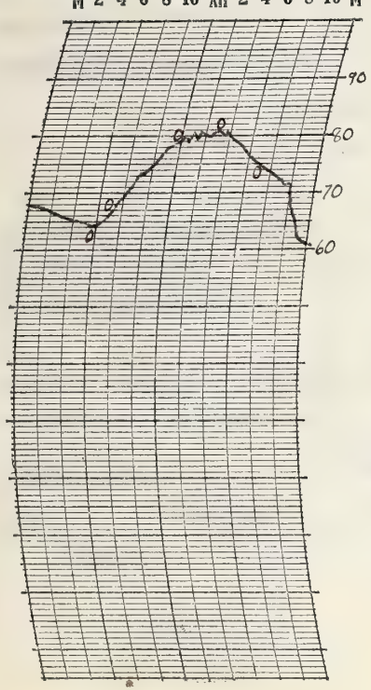
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	61	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .43 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.8 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 83
Prevailing wind direction, SW Total wind, 328
Average hourly velocity, 13.3 Extreme velocity, 28
Maximum velocity, 24 Direction, SW
Time began, 9:30 a.m.
Reduced barometer, 29.95 7 a. m. 29.86 7 p. m.
River gage, 8.6 feet
Relative humidity, 72 7 a. m. 54 7 p. m.

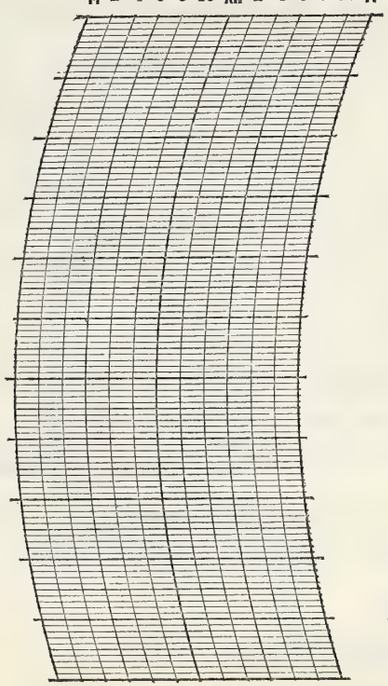
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 64.2
Dew-point, 54 R. humidity, 42 V. pressure, .417
Clouds: Amount, 5; Kind, Cu St; Direction, SW
Velocity of clouds (miles per hour)

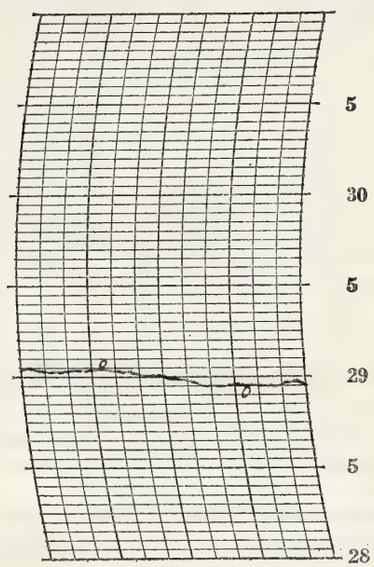
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E. L. H.

NOTES

Sun shone nearly all day through thin clouds. Faint 22° solar halo observed a bout noon

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Monday, (Date) APR 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	61	61	61	61	54	55	54	54	56	57
Nature of precipitation and time of beginning and ending						RE DN2	RB 6:25	RE 7:15				
Amounts of precipitation	.02	.03	.01	.02	.12	T	T	T				
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0.1	0.4	0.7	1.0
Wind direction	S	S	W	W	W	W	NW	E	NW	N	N	N
Wind movement	4	7	6	6	5	6	9	2	11	5	6	3

Sunrise: Time, 5:13 Character, Cloudy. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	63	63	61	61	60	59	58	57	57	54	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	N	N	E	NE
Wind movement	3	5	7	8	7	5	7	4	6	5	8	7

Sunset: Time, 6:13 Character, Cloudy. Moonset:

Maximum velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

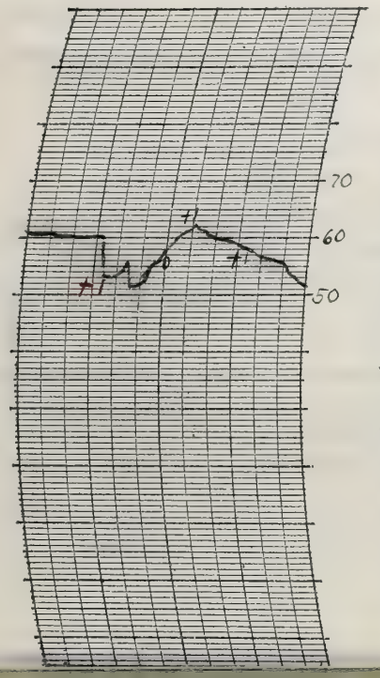
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	52	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .63 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 5.4 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 42
Prevailing wind direction, NW Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 20
Maximum velocity, 18 Direction, NW
Time began, 8:37 a.m.
Reduced barometer, 29.94 7 a. m. 30.00 7 p. m.
River gage, 7.3 feet
Relative humidity, 95 7 a. m. 68 7 p. m.

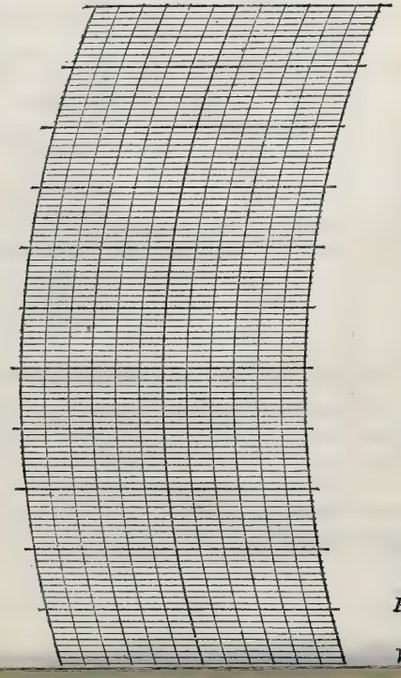
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 56.5 Wet temperature, 51.0
Dew-point, 46 R. humidity, 67 V. pressure, .310
Clouds: Amount, 3 6; Kind, Cu St; Direction, SW SW
Velocity of clouds (miles per hour)

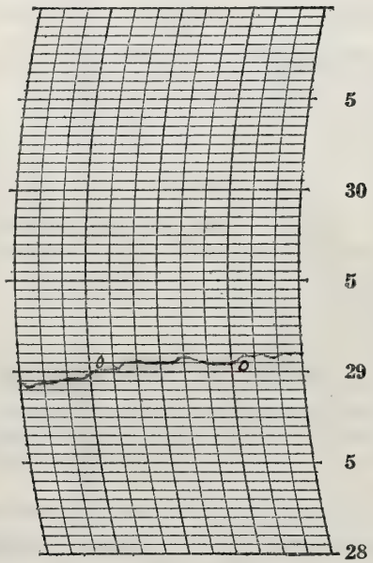
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

A cloudy day with some high clouds through which the sun shone. Rain fell in the early morning continuing from yesterday. A light to gentle wind prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 9 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	50	49	48	48	48	49	51	52	52
State of weather: Nature of precipitation and time of beginning and ending		RB DN2 RE DN2										
Amounts of precipitation		T										
Cloudiness and other conditions					←						Cloudy	
Sunshine (in tenths of hours)						0	0	0	0.7	0.6	0	0.4
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	6	7	7	9	9	10	12	12	14	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	50	48	46	42	39	38	37	37	36
State of weather: Nature of precipitation and time of beginning and ending				RB 3:47								R cont
Amounts of precipitation				T	T	.05	.03	.05	.07	.12	.04	.03
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0.2	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	16	15	16	17	13	15	20	22	22	20	19	18

Maximum velocities (exceeding 24 miles) direction and time: 24 NE 6:55; 27 NE 7:48; 25 NE 8:14; 24 NE 9:52

Sunrise: Time, 5:11 Character, Cloudy. Moonrise:

Sunset: Time, 6:14 Character, Cloudy. Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

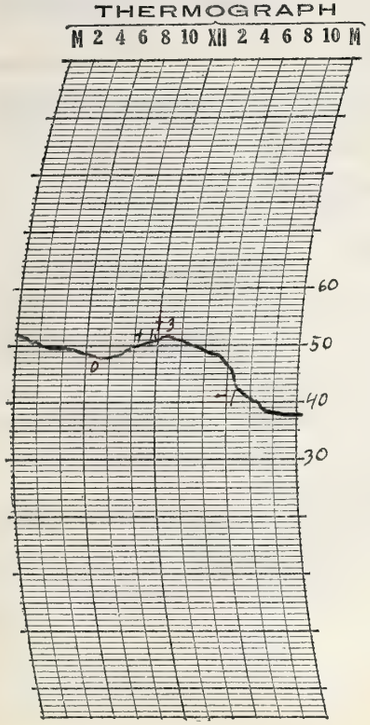
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .39 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.7 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 22
Prevailing wind direction, NE Total wind, 327
Average hourly velocity, 13.6 Extreme velocity, 30
Maximum velocity, 27 Direction, NE
Time began, 7:48 p.m.
Reduced barometer, 30.02 7 a. m. 29.92 7 p. m.
River gage, 2.8 feet
Relative humidity, 72 7 a. m. 91 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 51.9 Wet temperature, 44.8
Dew-point, 37 R. humidity, 57 V. pressure, .219
Clouds: Amount, 10; Kind, St; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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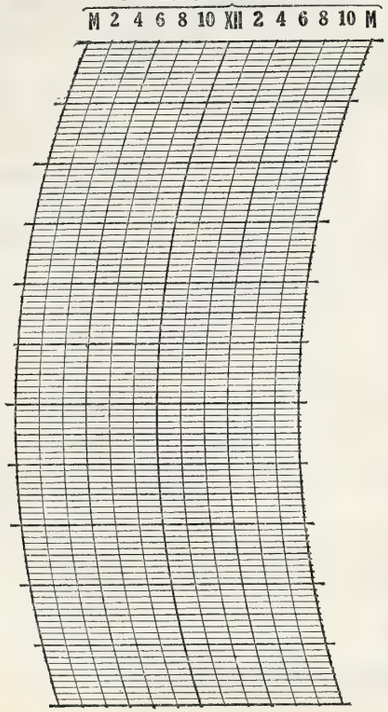
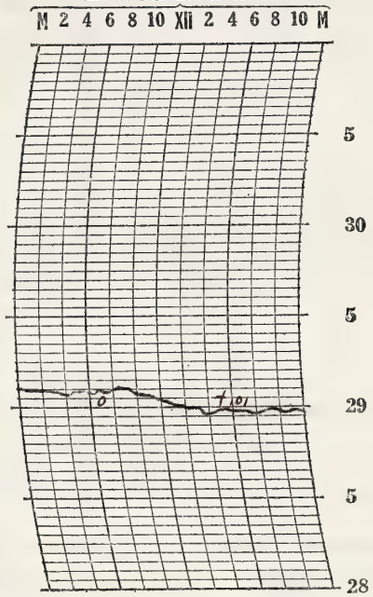


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Cloudy threatening day, with a steady rain from 3:47 P.M. on into the night. Fresh northeast winds from 6 P.M. to 10 P.M.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	38	39	39	40	40	41	42	44	45	45	46	46	47	46	44	42	41	40	39	39	39	39
State of weather: Nature of precipitation and time of beginning and ending	RE 0/2																							
Amounts of precipitation	0.2																							
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)						0	0	0	0.3	0.2	0	0.3	0.6	0.9	0.4	0.6	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	NE
Wind movement	18	18	18	15	16	15	15	14	14	16	14	14	16	15	15	18	16	17	14	16	17	15	13	14

Sunrise: Time, 5:09 Character, Cloudy
Moonrise:
Sunset: Time, 6:15 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

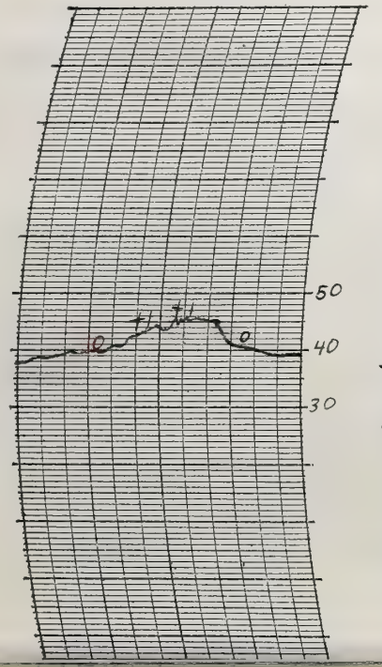
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	36	42	

Total depth of snow for 24 hours ending — p. m., 0 inches.
Snow, sleet, and hail on ground — p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to — a. m., .33 ins.; to — p. m., 0 ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 3.3 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 25
Prevailing wind direction, NE Total wind, 373
Average hourly velocity, 15.5 Extreme velocity, 23
Maximum velocity, 22 Direction, NE
Time began, 1:55 a.m.
Reduced barometer, 29.94 7 a. m. 29.99 7 p. m.
River gage, 8.4 feet
Relative humidity, 84 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.8 Wet temperature, 42.0
Dew-point, 39 R. humidity, 80 V. pressure, .237
Clouds: Amount, 10; Kind, st cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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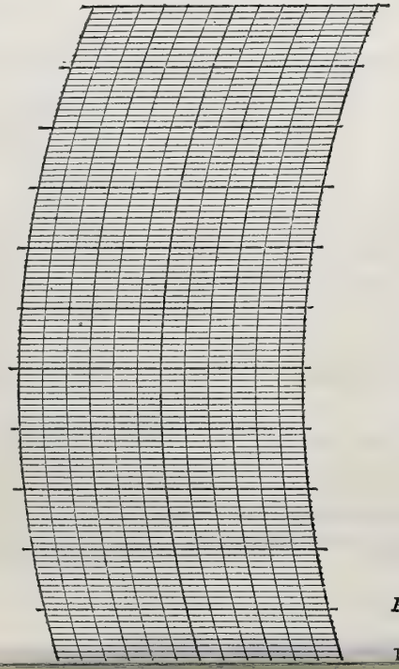
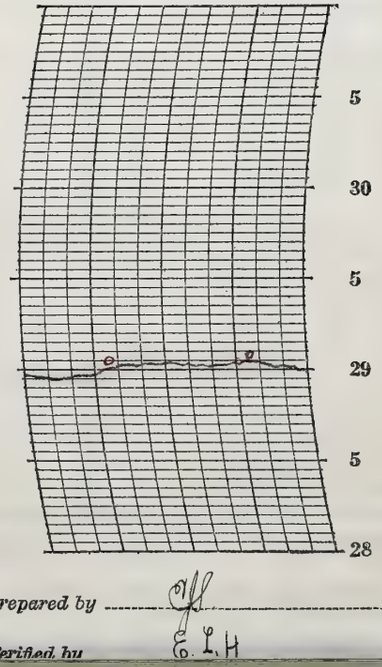


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

Cloudy threatening day. Cloudy at night. Cold northeast wind

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 11 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	40	39	39	39	40	41	42	44	47	50
Nature of precipitation and time of beginning and ending			RB DN2		RE DN2		RB 6:40	RE 7:15				
Amounts of precipitation			.02	.04	T							
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	14	14	10	7	12	12	11	9	10	7	5	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	61	51	54	52	49	44	43	43	42	42
Nature of precipitation and time of beginning and ending		RB 1:39 RE 1:44 HB 1:41 HE 1:47 RB 1:45 RE 1:52		RB 3:05 RE 3:07 HB 3:07 HE 3:09 RB 3:09 RE 3:42							RB 10:40	RE 11:10
Amounts of precipitation		.09		.16							T	T
Cloudiness and other conditions	← Cloudy											→
Sunshine (in tenths of hours)	1.0	0.6	0.9	0.2	0.6	0.3	0					
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	10	6	10	10	11	15	15	12	14	12	13

Sunrise: Time, 5:08 Character, Cloudy

Moonrise:

Sunset: Time, 6:16 Character, Cloudy

Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .25 ins.

Total precipitation, midnight to midnight, .31 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 3.6 Possible sunshine, hours, 13.1

Per cent of possible sunshine, 27

Prevailing wind direction, E & S.W. Total wind, 255

Average hourly velocity, 10.6 Extreme velocity, 30

Maximum velocity, 24 Direction, SW

Time began, 3:07 p.m.

Reduced barometer, 29.74 7 a. m. 29.67 7 p. m.

River gage, 8.8 feet

Relative humidity, 100 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

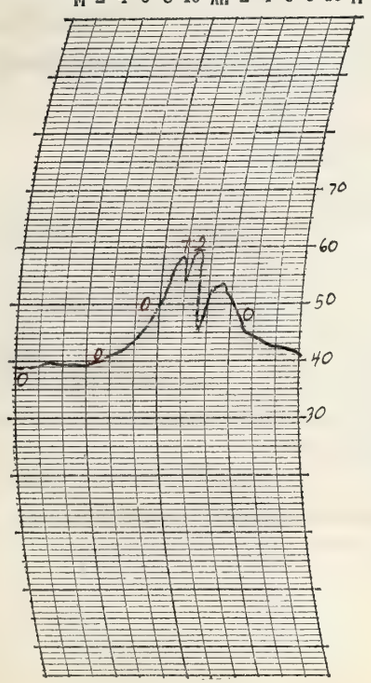
Dry temperature, 50.2 Wet temperature, 50.0

Dew-point, 50 R. humidity, 99 V. pressure, 3.60

Clouds: Amount, 10; Kind, St; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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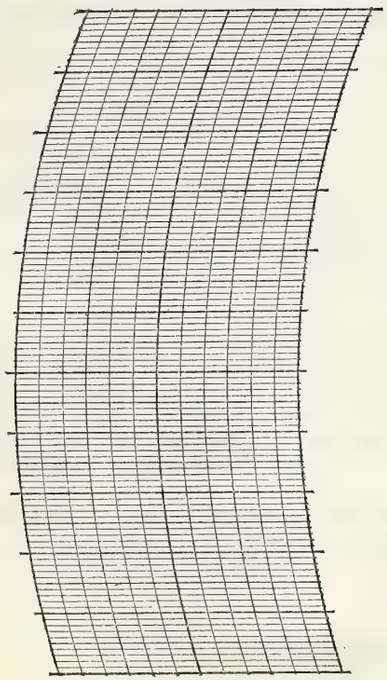
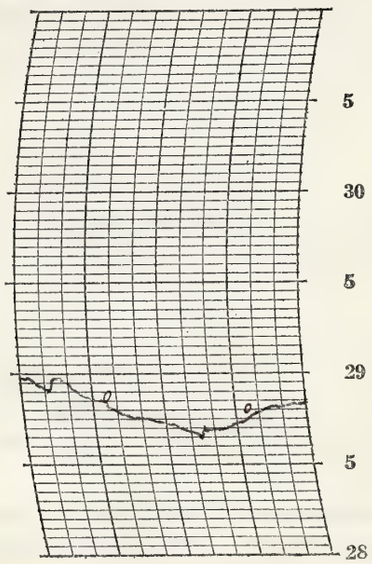


BAROGRAPH.



Prepared by O.J.

Verified by E.L.H.

8—486

NOTES

Dense fog occurred in the early morning, the early morning beginning at 6:40 a.m. turning to light fog at 7:30 a.m. The visibility remained poor until 11 a.m. The two thunderstorms and hail that fell in the afternoon caused a great deal of damage to trees - fruit - small garden stuff. All of the damage occurred during the 3:05 p.m. storm. The hail ranged from .2 to an inch or more in depth over scattered sections of the city. The stones were quite large.

The light fog in the morning ended at 10:00 a.m. Thunder was first heard at 1:42 p.m. and 2:45 p.m., again at 3:05 p.m. A light mist fell in the later part of the evening.

Warning received "frost probable tonight."

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) APR 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	39	39	39	39	39	39	40	40	40	40	42	41	42	43	43	42	42	42	42	42	41
State of weather: Nature of precipitation and time of beginning and ending									RB 8:00 RE 8:15															
Amounts of precipitation									T															
Cloudiness and other conditions						←					Cloudy											→		
Sunrise: Time, 5:06 Character, Cloudy																					Sunset: Time, 6:12 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0.2	0	0	0	0	0					
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW
Wind movement	12	11	9	11	11	10	13	11	14	13	16	14	14	13	13	14	13	11	8	6	4	5	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

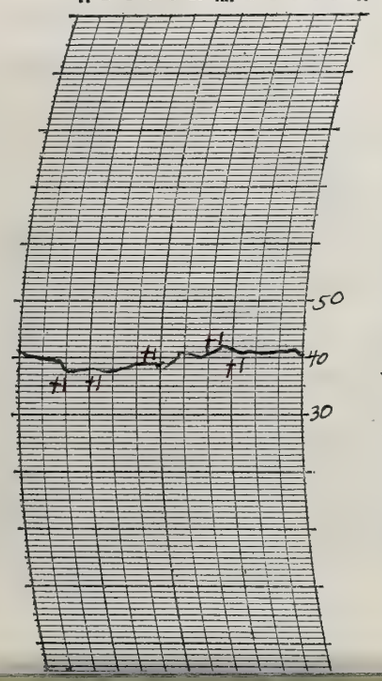
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	38	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.2 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 2
Prevailing wind direction, SW Total wind, 257
Average hourly velocity, 10.7 Extreme velocity, 22
Maximum velocity, 19 Direction, SW
Time began, 8:35 a.m.
Reduced barometer, 29.83 7 a. m. 29.94 7 p. m.
River gage, 9.2 feet
Relative humidity, 72 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 36.8
Dew-point, 32 R. humidity, 74 V. pressure, .180
Clouds: Amount, 10; Kind, stcu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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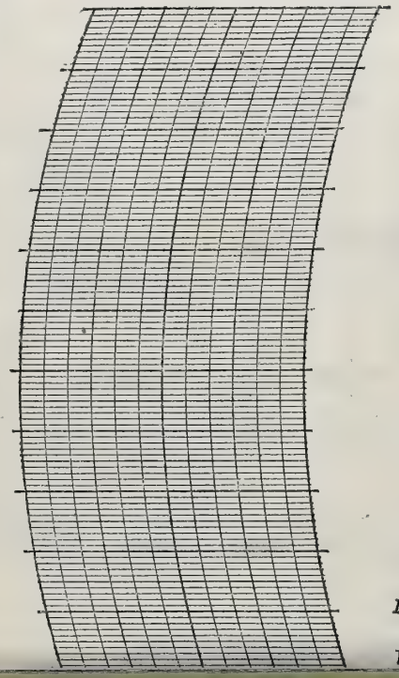
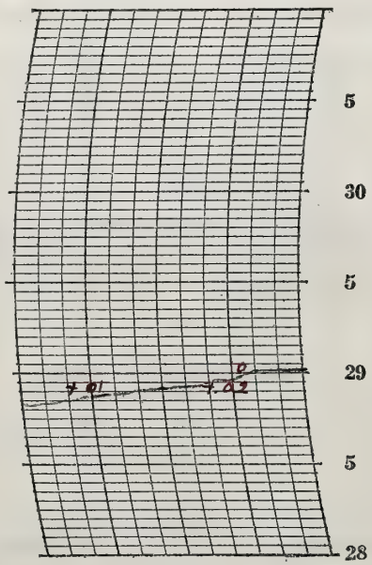


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

Warning received "probably light frost tonight."

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 1 6 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	41	41	39	42	43	45	47	49	50	52	53	53	53	51	49	48	47	47	45	45
State of weather: Nature of precipitation and time of beginning and ending		RB DNa		RE DNa																				
Amounts of precipitation		.03	.11	.02																				
Cloudiness and other conditions													Clear											
Sunrise: Time, 5:05 Character, Cloudy																					Sunset: Time, 6:18 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.30 0					
Wind direction	SW	SW	SW	SW	SW	SW	NW	NW	NW	W	W	W	W	W	W	W	W	W	NW	NW	NW	O	NW	W
Wind movement	6	4	7	7	5	5	6	6	6	7	9	10	12	11	11	10	10	9	5	2	2	0	2	1
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

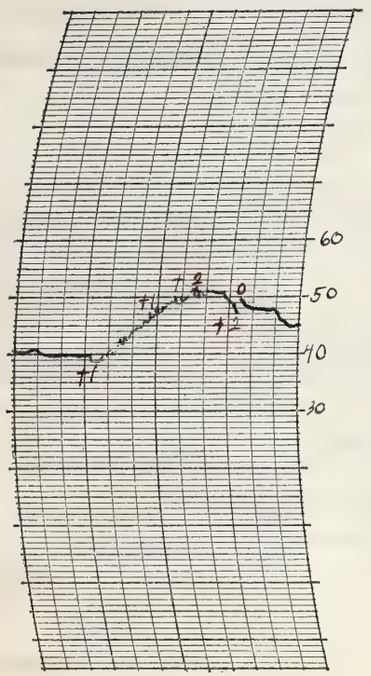
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .16 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.7 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 89
Prevailing wind direction, W Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 1:27 p.m.
Reduced barometer, 29.99 7 a. m. 30.04 7 p. m.
River gage, 9.1 feet
Relative humidity, 84 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.1 Wet temperature, 41.3
Dew-point, 32 R. humidity, 50 V. pressure, .180
Clouds: Amount, 1; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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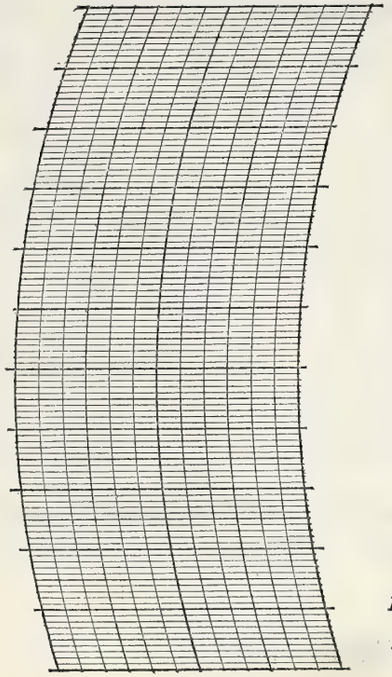
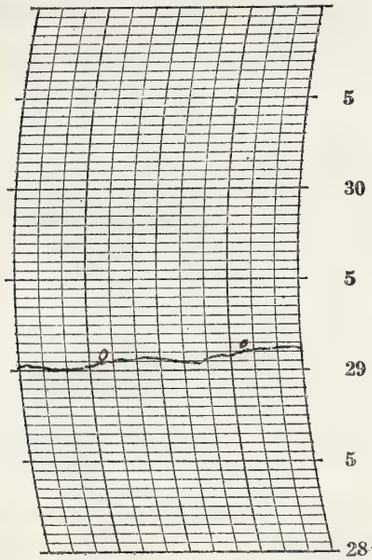


BAROGRAPH.



Prepared by EJ

Verified by E. L. H.

8—486

NOTES

A local spring shower fell during the a.m. Mostly clear skies, cool in the morning but warm and pleasant in the afternoon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	40	39	38	38	38	40	42	45	45	47	49	51	52	51	51	50	48	46	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Cloudy											Cloudy →
Sunshine (in tenths of hours)						0	0	0.1	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	4	3	4	5	4	5	7	7	8	8	8	7	9	8	10	8	9	9	11	11	12	13	11
Maximum velocities (exceeding 21 miles) direction and time																								

Sunrise: Time, 5:03 Character, Cloudy
Moonrise:
Sunset: Time, 6:19 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

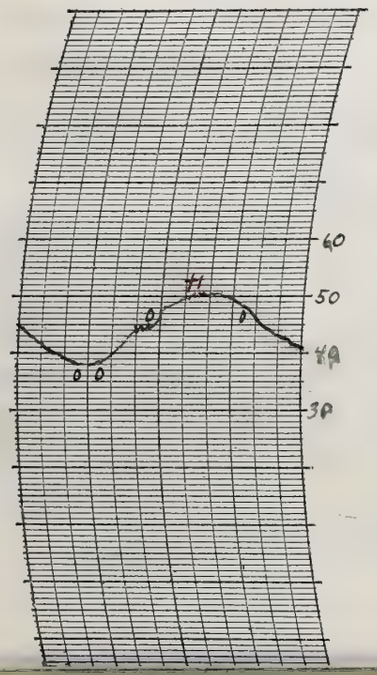
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	38	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, 8
Average daily cloudiness (0-10),
Actual sunshine, hours, 8.4 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 62
Prevailing wind direction, NE Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 10:48 p.m.
Reduced barometer, 30.10 7 a. m. 29.95 7 p. m.
River gage, 8.6 feet
Relative humidity, 83 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.8 Wet temperature, 40.3
Dew-point, 32 R. humidity, 57 V. pressure, 180
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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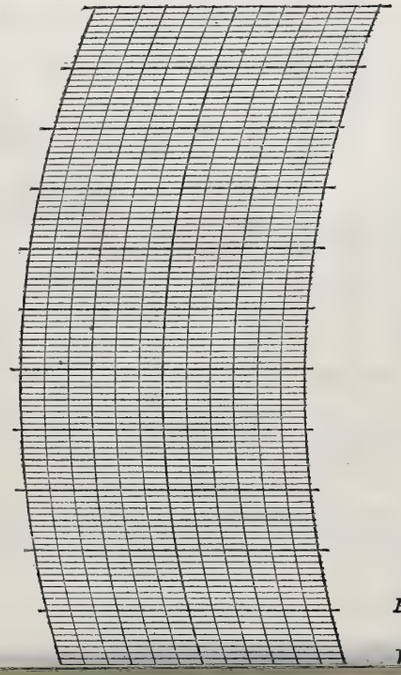
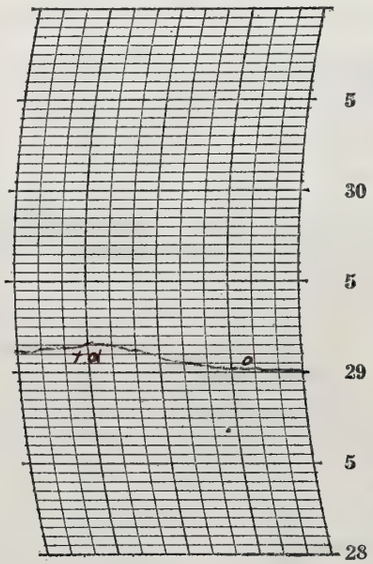


BAROGRAPH.



Prepared by [illegible]
Verified by E. L. H

NOTES

A light frost formed in the low lands. Sun shone through high clouds most of the afternoon and also in the morning. Cool but pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 1 5 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	37	37	37	38	39	41	44	47	48	51	52	53	52	51	48	46	44	44	43	41	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				←					Cloudy								Pt Cldy.							→
Sunrise: Time, 5:02 Character, Cloudy																					Sunset: Time, 6:20 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N
Wind movement	10	11	11	12	10	10	10	13	14	16	17	16	17	16	17	16	15	15	14	15	12	12	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

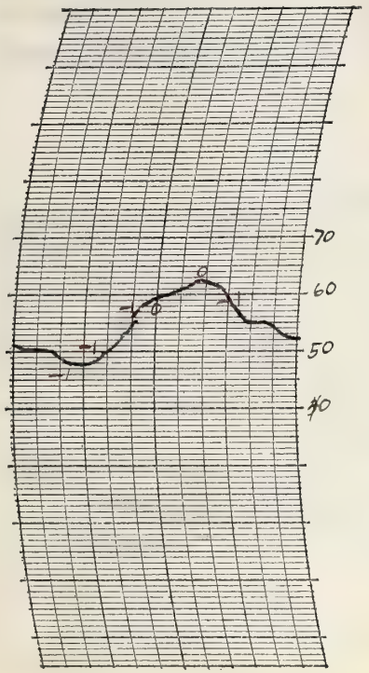
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	37	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.6 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 65
Prevailing wind direction, NE Total wind, 319
Average hourly velocity, 13.3 Extreme velocity, 22
Maximum velocity, 21 Direction, NE
Time began, 10:22 a.m.
Reduced barometer, 29.88 7 a. m., 29.84 7 p. m.
River gage, 8.1 feet
Relative humidity, 85 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.3 Wet temperature, 42.8
Dew-point, 36 R. humidity, 63 V. pressure, .211
Clouds: Amount, 6; Kind, St. Cu.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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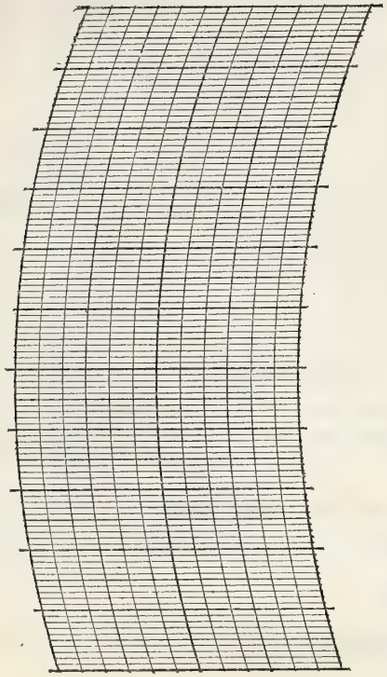
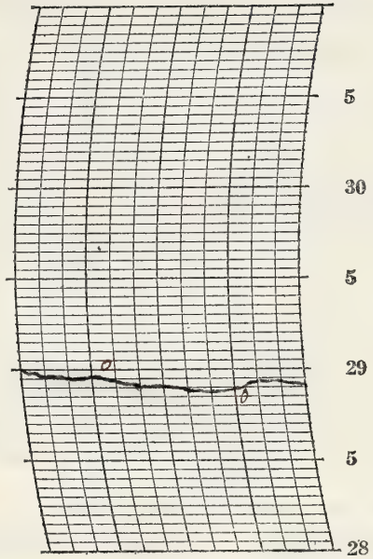


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Cloudy in the morning and partly cloudy in the afternoon. A cool day with moderate winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	37	36	37	38	42	45	46	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear					X Cldy X
Sunshine (in tenths of hours)						1.00 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	11	10	9	8	7	8	9	12	14	17	14	12
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	52	51	50	48	47	46	44	44	43	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy X	Clear X			Pt Cldy	Cldy X			Pt Cldy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.5	0.5	0					
Wind direction	N	N	N	NW	NW	N	N	NW	NW	N	N	N
Wind movement	17	16	16	15	13	11	6	11	11	7	7	4
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 5:00 Character, Clear
Moonrise:
Sunset: Time, 6:21 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.0 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 90
Prevailing wind direction, N Total wind, 265
Average hourly velocity, 11.0 Extreme velocity, 23
Maximum velocity, 22 Direction, NE
Time began, 9:50 a.m.
Reduced barometer, 29.88 7 a. m. 29.83 7 p. m.
River gage, 7.1 feet
Relative humidity, 79 7 a. m. 36 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

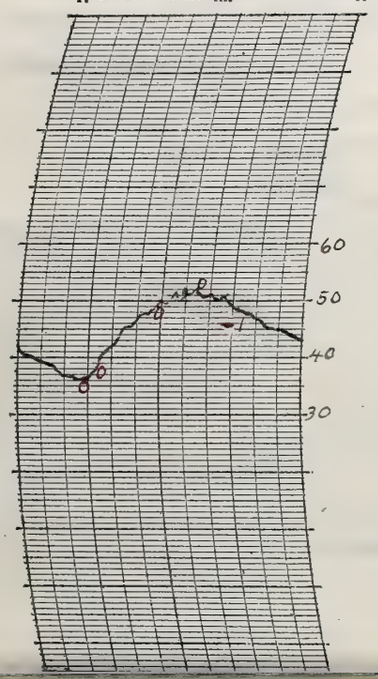
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 48.2 Wet temperature, 41.8
Dew-point, 34 R. humidity, 58 V. pressure, .195
Clouds: Amount, 4; Kind, Cu.; Direction, N.E.
Velocity of clouds (miles per hour)

THERMOGRAPH



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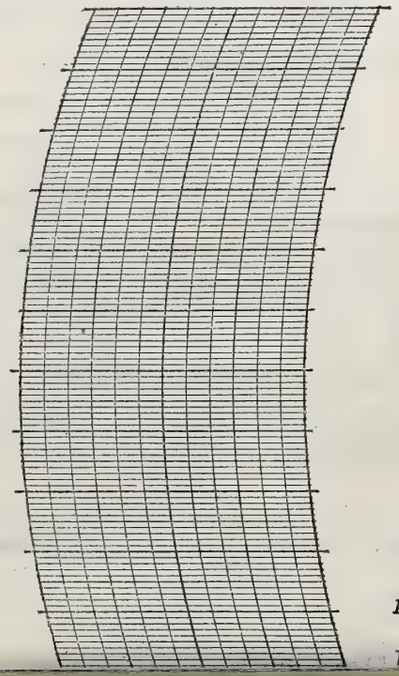
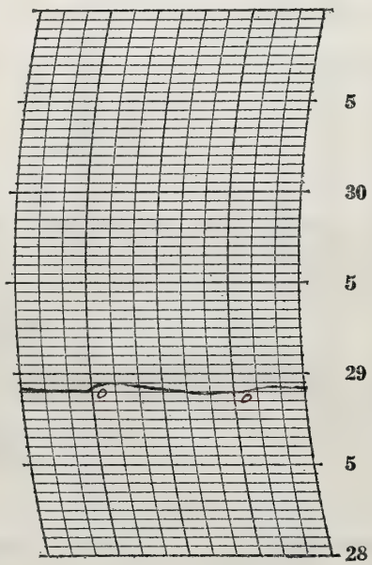


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H

NOTES

Mostly clear in the morning, but partly cldy in the afternoon. Cool, windy day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	38	37	37	38	40	42	45	47	49	50	51	51	51	50	50	47	45	42	40	39	37	36
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear			×				Pt Cldy		×				Clear					→
Sunshine (in tenths of hours)					0.03 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0.8	0.7	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	7	7	8	8	9	9	10	13	13	12	12	14	14	13	13	15	17	13	13	9	11	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:58 Character, Clear
Moonrise:

Sunset: Time, 6:23 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

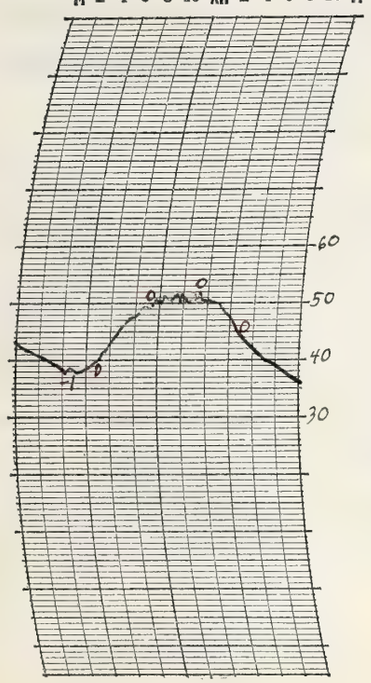
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	36	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 88
Prevailing wind direction, NW Total wind, 263
Average hourly velocity, 11.0 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 5:46 p.m.
Reduced barometer, 29.86 7 a. m. 29.89 7 p. m.
River gage, 5.9 fall
Relative humidity, 72 7 a. m. 48 7 p. m.

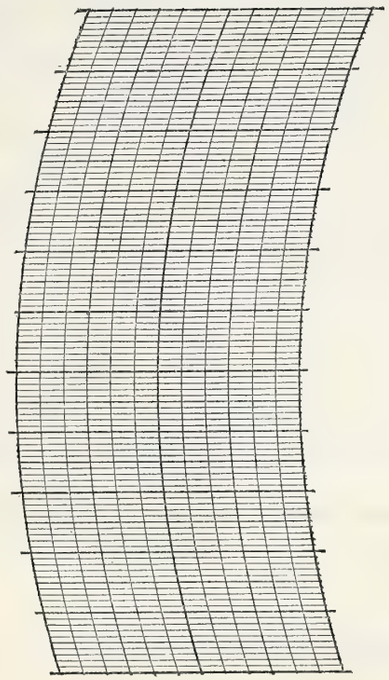
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.9 Wet temperature, 40.3
Dew-point, 28 R. humidity, 41 V. pressure, .150
Clouds: Amount, 6; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

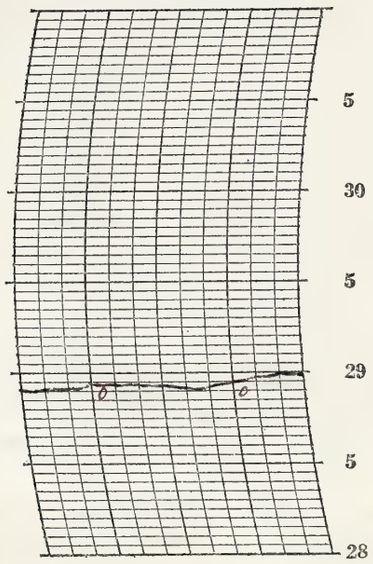
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

Warning received "possibly frost tonight."
Very light frost on low lands and along river banks in the morning, but no damage.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	34	33	33	33	34	38	40	43	46	48	49	50	50	49	48	46	43	40	39	38	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→			
Sunshine (in tenths of hours)					0.05 C	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.8 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	W	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	9	9	8	7	9	8	11	14	12	13	13	14	17	16	15	15	14	13	9	5	5	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:57 Character, Clear
Moonrise:
Sunset: Time, 6:23 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

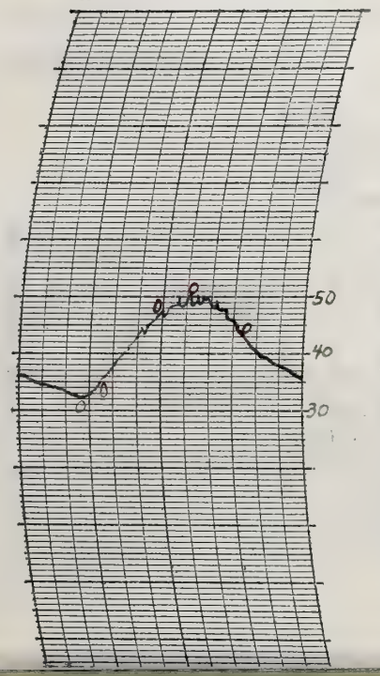
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	32	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 247
Average hourly velocity, 10.3 Extreme velocity, 20
Maximum velocity, 19 Direction, N
Time began, 12:19 p. m.
Reduced barometer, 29.98 7 a. m. 30.08 7 p. m.
River gage, 5.0 feet
Relative humidity, 67 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 48.1 Wet temperature, 38.9
Dew-point, 26 R. humidity, 41 V. pressure, .136
Clouds: Amount, 1; Kind, Cs; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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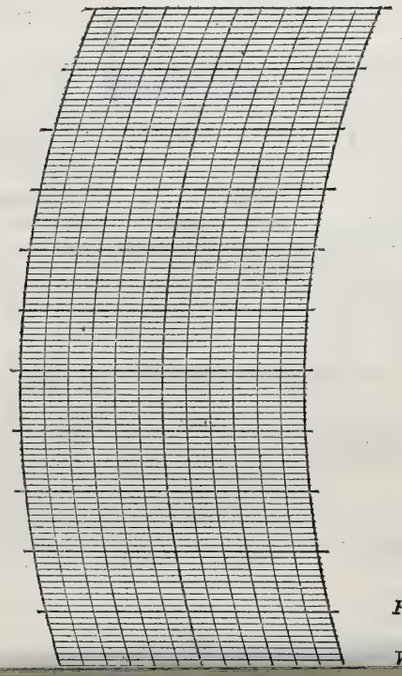
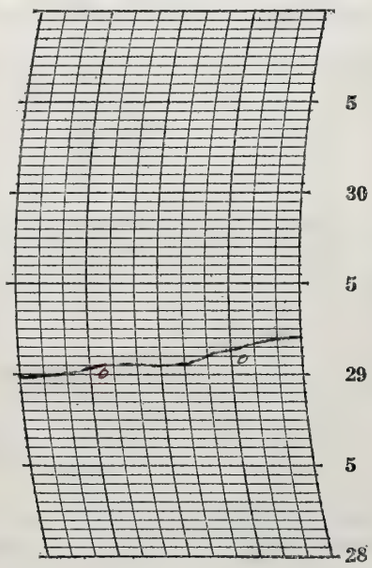


BAROGRAPH.



Prepared by CH

Verified by ELH

NOTES

Heavy frost in the morning.
Mostly fair, cool, day. Very heavy frost occurred in the early morning, the frost first appeared about 4:00 p.m. Some damage occurred to garden stuff and fruit, however the Park Board and truck gardeners protected against frost and suffered no loss.
Warning received for "frost"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	32	32	34	35	39	45	49	50	51	51	53	54	54	54	52	51	51	50	50	49	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Partly								Cloudy											→
Sunshine (in tenths of hours)					0	0	0.3	0.6	1.0	1.0	0.7	0.8	0	0	0.1	0	0 #	0 #	0 #					
Wind direction	W	NW	W	NW	NW	NE	SE	SE	S	S	S	SE	SE	SE	E	E	E #	E #	E #	E	E	E	E	NE
Wind movement	2	2	1	1	1	2	3	4	8	7	5	4	5	4	5	6	9	10	11	9	10	11	10	13

Sunrise: Time, 4:56 Character, Cloudy Moonrise:

Sunset: Time, 6:24 Character, Cloudy Moonset:

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

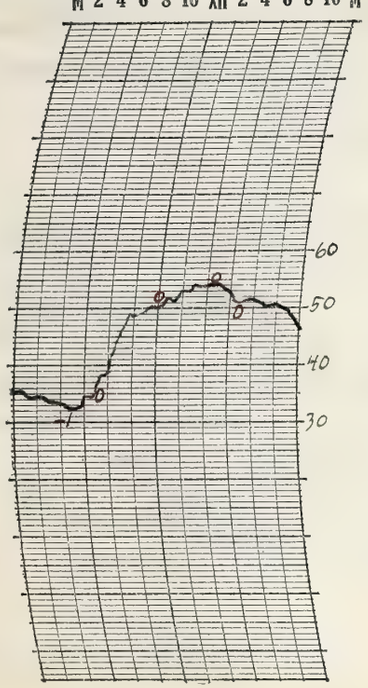
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.5 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 33
Prevailing wind direction, E Total wind, 143
Average hourly velocity, 6.0 Extreme velocity, 20
Maximum velocity, 19 Direction, NE
Time began, 11:08 p.m.
Reduced barometer, 30.20 7 a. m. 29.96 7 p. m.
River gage, 4.1 feet
Relative humidity, 50 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.8 Wet temperature, 38.2
Dew-point, 18 R. humidity, 26 V. pressure, .093
Clouds: Amount, 8 2; Kind, Ci Ci; Direction, SW SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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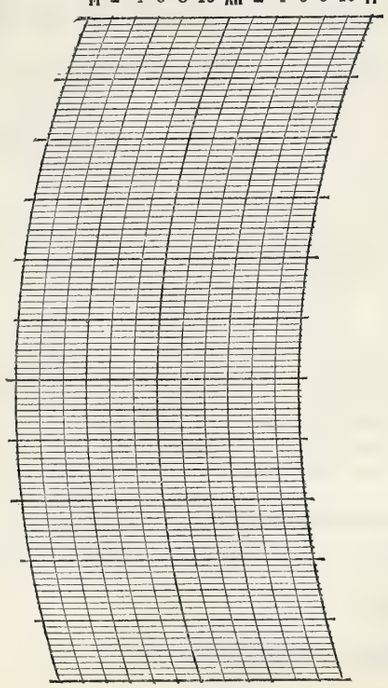
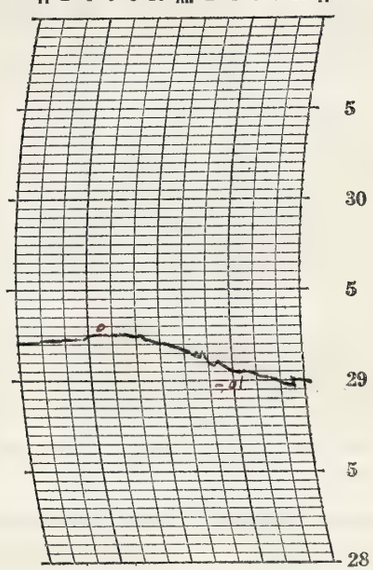


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Heavy frost in the morning. Partly cloudy day, threatening at times. A killing frost occurred; frost appeared by 1:00 a.m. and was very heavy, ice formed on the ground by 3:00 a.m. No damage occurred to wheat or oats, but clover was frozen and set back. Some flowers and tender plants in home gardens were destroyed. But the Park Board and commercial growers, protected, and had no loss. Pear and plums suffered from a 50 to 60% loss. There was no damage to apples.

Clock stopped, data interpolated

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) [illegible], 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	43	43	43	43	45	48	50	52	54
Nature of precipitation and time of beginning and ending			RB ON2				RE 6:35	RB 7:05				
Amounts of precipitation			T	.03	.08	.09	.02	.02	.02	.01	.01	.03
Cloudiness and other conditions	Fog											Cloudy
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	E	E	E	E	NE	E	E	E	E	E
Wind movement	10	10	7	8	6	5	5	5	5	4	3	1

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	63	64	64	62	49	48	48	48	48	46	46
Nature of precipitation and time of beginning and ending	RE 2:50			RB 3:45				RE 7:30				
Amounts of precipitation	.01			.01	.04	.28	.03	T				
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0.1	0.3	0.2	0	0	0					
Wind direction	SE	SW	SW	S	S	NE	NE	NE	N	NE	N	NE
Wind movement	3	6	13	11	11	9	9	6	7	8	11	13

Sunrise: Time, 4:54 Character, Cloudy
Moonrise:

Sunset: Time, 6:26 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

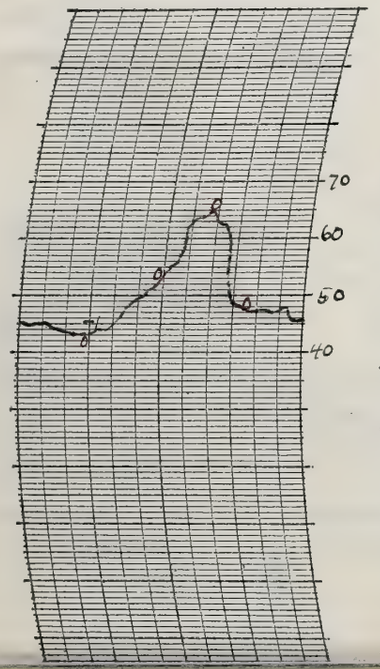
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .23 ins.; to 7 p. m., .46 ins.
Total precipitation, midnight to midnight, .69 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 4
Prevailing wind direction, E Total wind, 176
Average hourly velocity, 7.3 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 11:13 p.m.
Reduced barometer, 29.82 7 a. m. 29.68 7 p. m.
River gage, 3.8 feet
Relative humidity, 96 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 54.0
Dew-point, 54 R. humidity, 100 V. pressure, .417
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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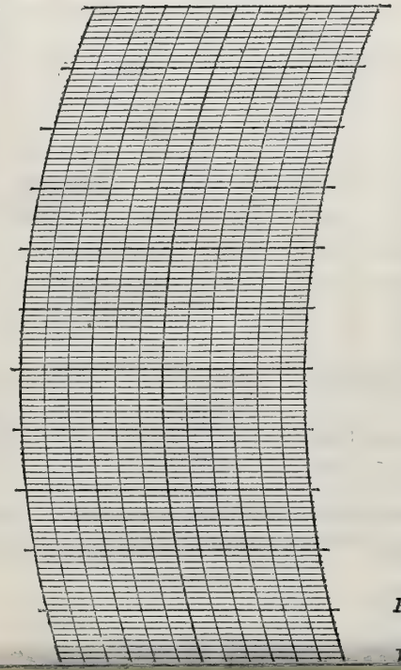
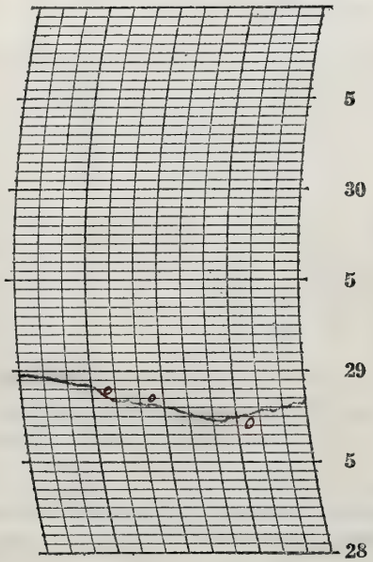


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

Rainy, stormy, foggy day. Cloudy and threatening at night. Streets slippery from 6:30 to 10:00 pm.
Light fog began at 8:50 a.m. ended at 10 noon.

Special noon observation called for and sent to Chicago.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 21 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	44	43	43	43 RB 6:30	43	43	44	44	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation							T	.01	T	.02	T	T
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	11	10	11	12	12	8	15	14	13	11	12

Sunrise: Time, 4:53 Character, Cloudy
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47 RE 1:05	49	51	51	52	51	49	47	46	44	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.01	T										
Cloudiness and other conditions							← P. Cldy		→	← Clear		
Sunshine (in tenths of hours)	0	0.2	1.0	0.6	1.0	0.3	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N
Wind movement	14	12	15	13	13	12	11	7	12	11	10	9

Sunset: Time, 6:22 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

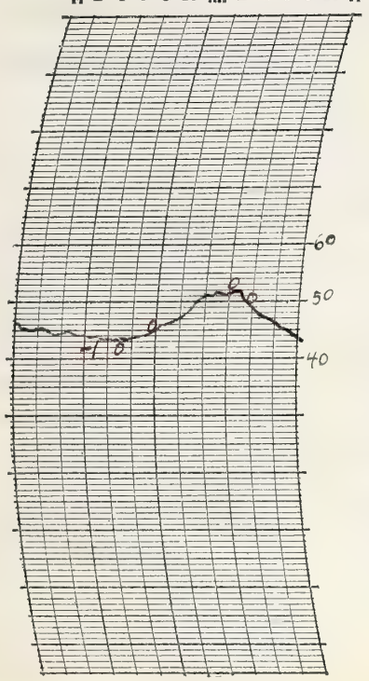
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	42	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.1 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 23
Prevailing wind direction, NE Total wind, 278
Average hourly velocity, 11.6 Extreme velocity, 19
Maximum velocity, 18 Direction, NE
Time began, 7:48 a.m.
Reduced barometer, 29.83 7 a. m. 29.92 7 p. m.
River gage, 8.7 feet
Relative humidity, 100 7 a. m. 53 7 p. m.

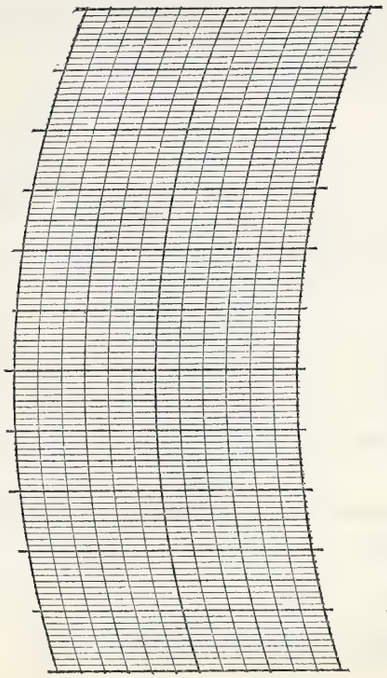
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.6 Wet temperature, 44.0
Dew-point, 42 R. humidity, 88 V. pressure, .266
Clouds: Amount, 10; Kind, st; Direction, NE
Velocity of clouds (miles per hour)

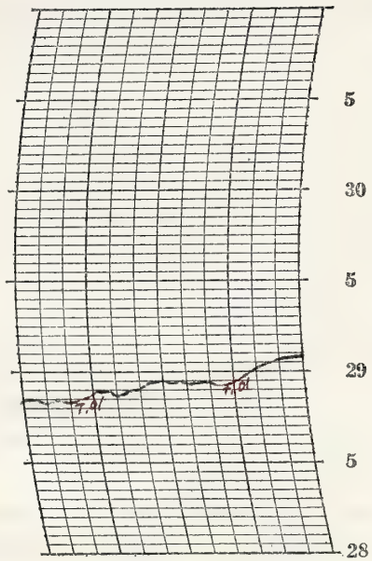
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—436

NOTES

Rainy from about a little after sunup until a little after noon. Sun shone through clouds off and on from 3:00 p.m. to sunset.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	39	39	41	44	49	52	55	56	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, 4:51 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)					0.15 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	8	8	6	7	7	6	7	8	10	12	11	10
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	60	60	60	59	57	54	51	49	48	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, 6:28 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.47 0					
Wind direction	N	N	N	N	N	N	N	N	NW	NW	N	N
Wind movement	9	9	8	7	6	4	4	5	7	5	4	3
Maximum velocities (exceeding miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

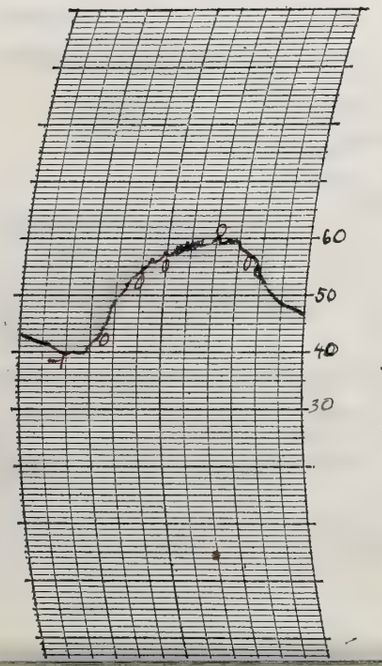
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.6 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 8:44 2 m
Reduced barometer, 30.15 7 a. m. 30.21 7 p. m.
River gage, 12.0 feet
Relative humidity, 51 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.2 Wet temperature, 43.0
Dew-point, 26 R. humidity, 30 V. pressure, .136
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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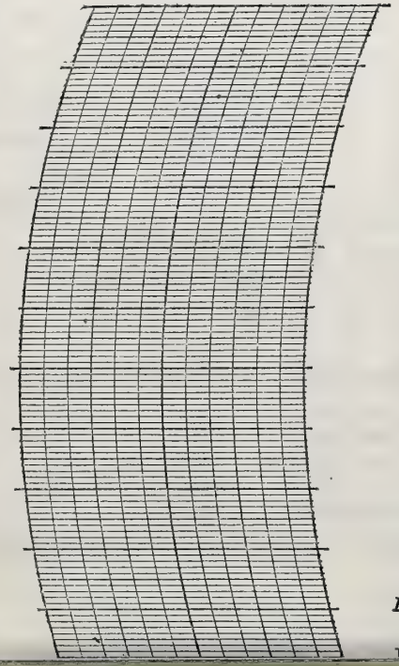
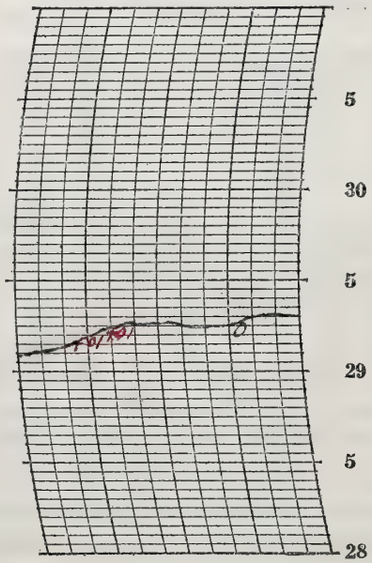


BAROGRAPH.



Prepared by

Verified by

NOTES

Clear moderate day. Mostly clear at night.
Warning received "Frost tonight, mostly light"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 23 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	44	43	43	42	46	49	54	58	60	61	62	62	63	64	63	61	60	58	57	55	54	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear								Pt Cloudy											→
Sunshine (in tenths of hours)					0.1 7 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.48 0					
Wind direction	N	O	NW	NW	NW	NW	NW	NW	W	SW	SW	SW	SW	W	W	SW	SW	W	W	O	W	SW	SW	S
Wind movement	2	0	3	2	1	2	3	4	5	6	6	5	5	6	4	5	5	4	3	0	2	1	2	1

Sunrise: Time, 4:50 Character, Clear
Moonrise:
Sunset: Time, 6:29 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

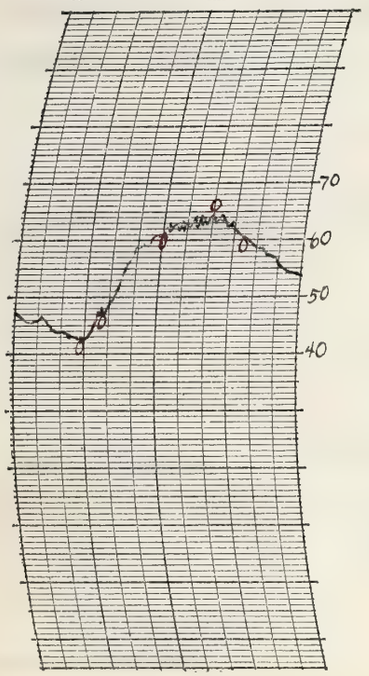
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	42	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.6 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 77
Average hourly velocity, 3.2 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 12:22 p.m.
Reduced barometer, 30.29 7 a. m. 30.16 7 p. m.
River gage, 11.5 feet
Relative humidity, 62 7 a. m. 35 7 p. m.

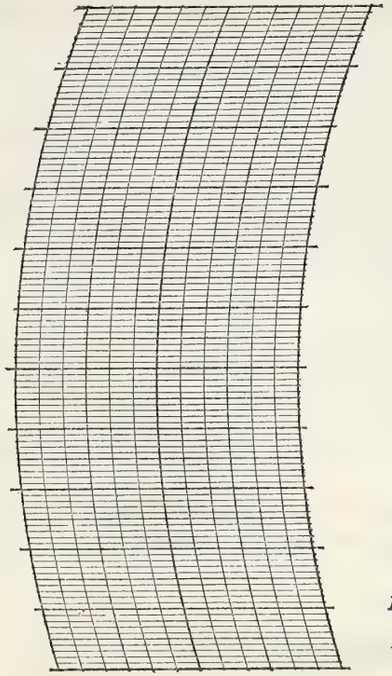
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.2 Wet temperature, 48.2
Dew-point, 34 R. humidity, 36 V. pressure, 1.95
Clouds: Amount, 3; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

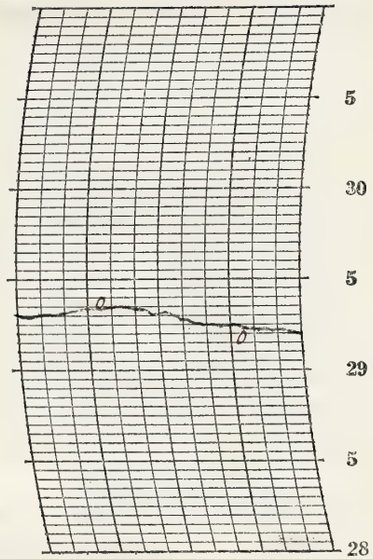
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Clear warm beautiful day. Winds calm to gentle. Pt cloudy with light winds at night.
A light frost occurred in the morning.
A partial 22° lunar halo was first noticed at 11:25 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	49	51	51	52	52	56	61	60	62	64	65	65	66	68	66	65	64	64	63	63	60	58
State of weather: Nature of precipitation and time of beginning and ending											RB 10:10 RE 10:20				RB 2:00 RE 2:29								RB 6:30	
Amounts of precipitation											T				T								.01	T
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	0.5	0.7	1.0	1.6	0	0.7	0.7	0	0	0					
Wind direction	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E	SE	SE	S	S	SE
Wind movement	2	1	2	4	7	5	7	8	7	6	6	7	6	5	3	6	5	6	4	7	7	12	5	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:48 Character, Cloudy
Moonrise:
Sunset: Time, 6:30 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

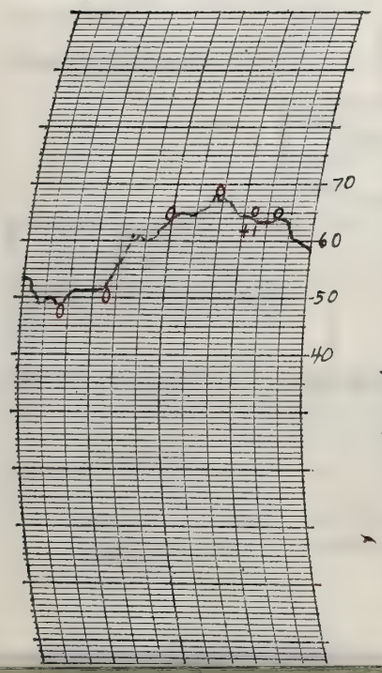
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.7 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 42
Prevailing wind direction, SE Total wind, 131
Average hourly velocity, 5.5 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 9:41 pm
Reduced barometer, 30.06 7 a. m. 29.76 7 p. m.
River gage, 10.5 feet
Relative humidity, 55 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.1 Wet temperature, 52.1
Dew-point, 41 R. humidity, 43 V. pressure, .256
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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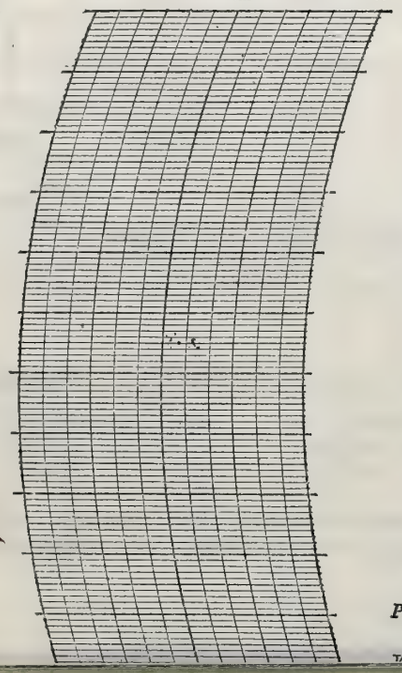
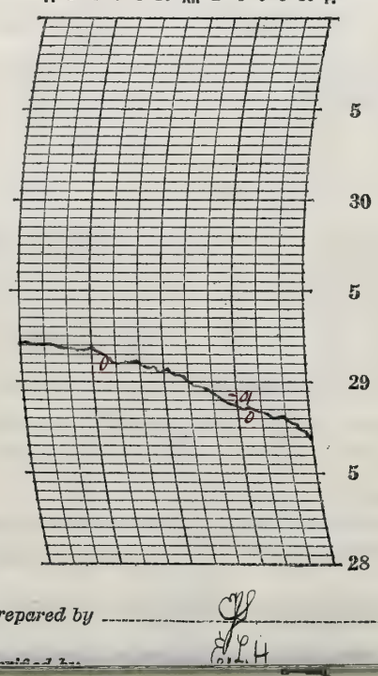


BAROGRAPH.



Prepared by

NOTES

Cloudy day with some precipitation and sunshine through clouds at times. During the rain from 2:00p to 2:29p the sun commenced shining at 2:20p and shone through the rain.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 25 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	56	56	57	57	59	57	56	58	65	66
	R cont.					RE 5:30		RB 7:20	RE 8:30			
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.03	.01	.12	.16	.06	.01		.05	.01			
Cloudiness and other conditions	Cloudy										Cloudy	
Sunshine (in tenths of hours)					0	0	0.5	0	0	0.6	1.0	1.0
Wind direction	E	E	SE	SE	S	S	S	SW	S	S	S	S
Wind movement	5	6	7	8	12	11	11	13	8	11	12	15

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	56	58	58	58	53	52	52	48	46	47	48
	RB 12:17 RE 12:25	RB 1:08	RE 2:10			RB 3:45						RB cont
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.13	T			.01	.06	T	T	T	T	.01
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	1.0	0.1	0.5	0.5	0	0	0					
Wind direction	S	S	SW	SW	SW	SW	SW	SW	W	W	W	NW
Wind movement	7	19	9	9	10	19	17	12	18	17	14	14
		40 1:10 S										

Sunrise: Time, 4:47 Character, Cloudy

Moonrise:

Sunset: Time, 6:31 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .40 ins.; to 7 p. m., .24 ins.

Total precipitation, midnight to midnight, .66 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 5.2 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 38

Prevailing wind direction, S Total wind, 284

Average hourly velocity, 11.8 Extreme velocity, 42

Maximum velocity, 40 Direction, S

Time began, 1:10 pm

Reduced barometer, 29.38 7 a. m. 29.30 7 p. m.

River gage, 11.1 feet

Relative humidity, 89 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

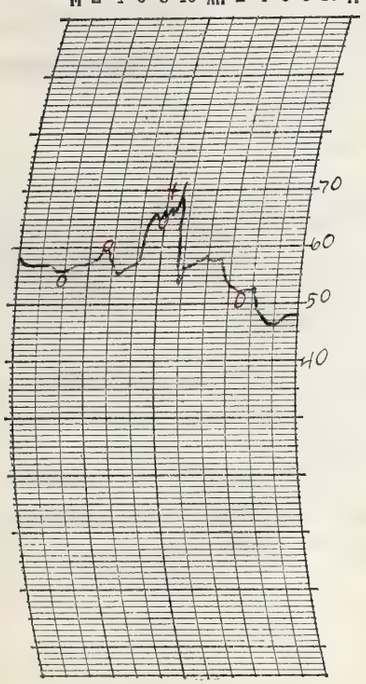
Dry temperature, 66.1 Wet temperature, 60.7

Dew-point, 57 R. humidity, 69 V. pressure, .465

Clouds: Amount, 5; Kind, St-Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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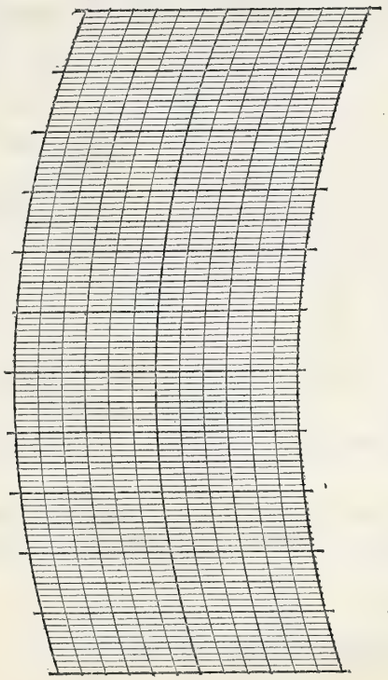
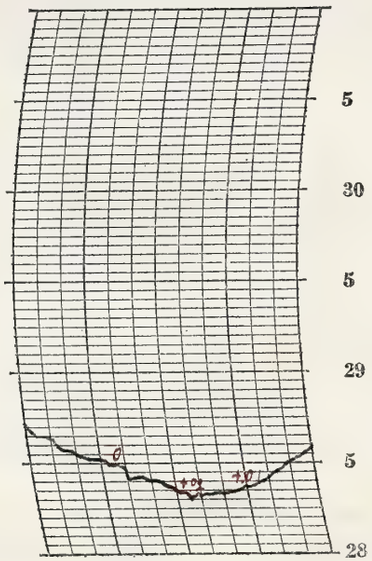


BAROGRAPH.



Prepared by E.J.

Verified by E.L.H.

8—486

NOTES

First day of Passover.

A rainy, stormy day with thunder first heard at 7:16 a and again at 1:07 p. The last thunderstorm did some damage to the Indiana Service Co's power lines 10 miles north of town. Several trees were blown over and some fell on power lines and at least one auto. Damage to auto about $100.00. No one reported hurt.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) APRIL [illegible], 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	47	45	43	43	43	47	52	55	57	60	62	63	63	64	64	63	61	59	57	55	54	53
State of weather: Nature of precipitation and time of beginning and ending	Rest RE DN2																							
Amounts of precipitation	T																							
Cloudiness and other conditions					←		Clear										×		Pt Cldy					→
Sunshine (in tenths of hours)					0.25 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0					
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	15	13	9	9	8	8	10	11	12	13	14	14	16	18	17	13	11	7	5	7	7	6	7	8
Maximum velocities (exceeding 34 miles) direction and time																								

Sunrise: Time, 4:45 Character, Clear
Moonrise:
Sunset: Time, 6:32 Character, Cloudy
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

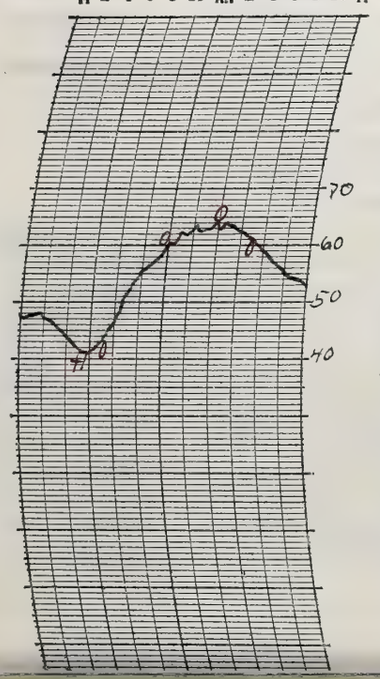
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 88
Prevailing wind direction, W Total wind, 258
Average hourly velocity, 10.8 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 1:10 pm
Reduced barometer, 29.75 7 a. m. 29.91 7 p. m.
River gage, 12.8 feet
Relative humidity, 78 7 a. m. 52 7 p. m.

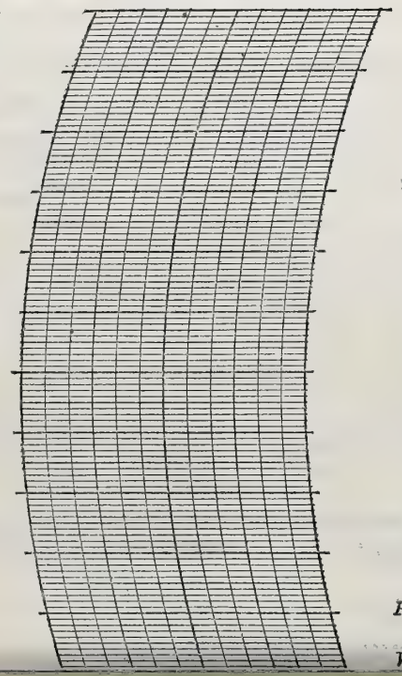
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 53.4
Dew-point, 48 R. humidity, 65 V. pressure, .334
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

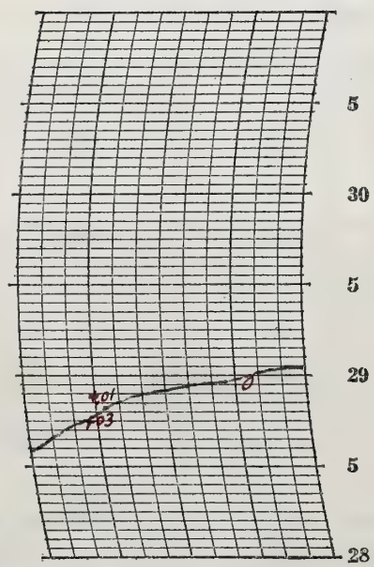
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

Warning received "Possibly light frost tonight"

Mostly clear beautiful day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 27 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	51	49	49	52	56	61	64	66	67	68	68	69	70	69	67	65	63	62	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																							RB DNP RE DNP	
Amounts of precipitation																							T	
Cloudiness and other conditions					←				Pt Cloudy								X	Cloudy						→
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	SW
Wind movement	7	8	7	7	7	8	8	9	12	14	16	17	18	18	16	16	17	11	9	9	11	10	12	12
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:44 Character, Cloudy
Moonrise:
Sunset: Time, 6:33 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

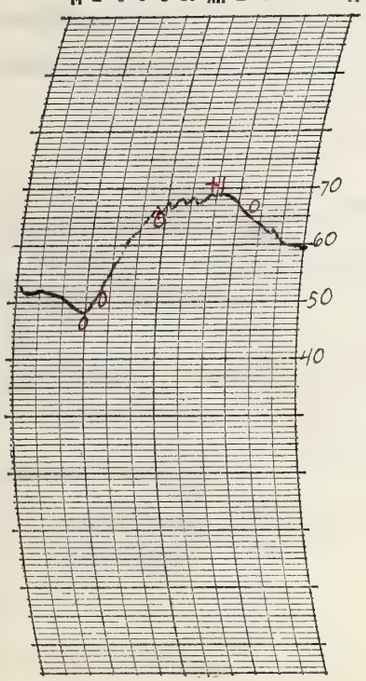
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	48	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.9 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind, 279
Average hourly velocity, 11.6 Extreme velocity, 24
Maximum velocity, 22 Direction, S
Time began, 1:31 p.m.
Reduced barometer, 29.77 7 a. m. 29.75 7 p. m.
River gage, 12.9 feet
Relative humidity, 72 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.1 Wet temperature, 54.2
Dew-point, 43 R. humidity, 42 V. pressure, .277
Clouds: Amount, 5; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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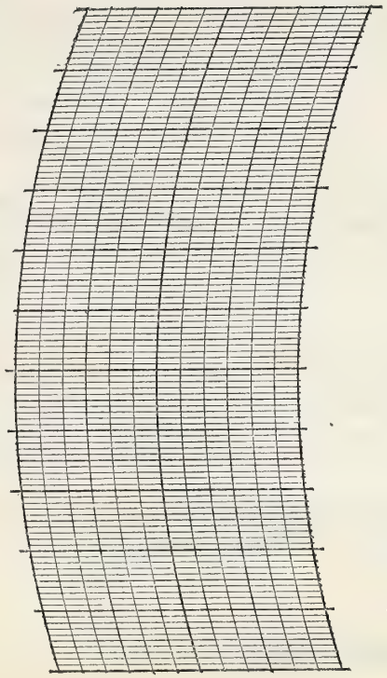
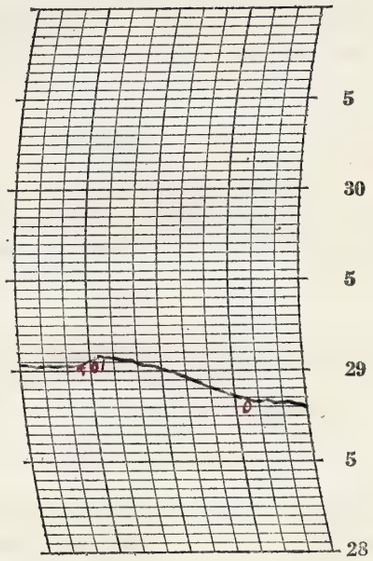


BAROGRAPH.



Prepared by J.H.
Verified by C.L.H.

8—486

NOTES

Daylight saving time goes into effect in Fort Wayne at midnight tonight.
Pt Cloudy warm pleasant day
Cloudy at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 21 1929, 192

Time (local standard) ____ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	54	52	52	55	55	56	55	57	60
State of weather: Nature of precipitation and time of beginning and ending				RB DN2		RE DN2		RB 7:07	RE 8:40			RB 11:50
Amounts of precipitation				01	03	T		05	T			T
Cloudiness and other conditions				← Cloudy						Cloudy		
Sunrise: Time, 4:43 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	1.0	0.8
Wind direction	SW	S	S	S	S	S	S	SW	SW	W	W	W
Wind movement	15	12	10	10	12	11	15	15	15	16	15	17
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	52	54	52	52	50	49	48	46	45	45
State of weather: Nature of precipitation and time of beginning and ending		RB 1:10 RE 1:39 RB 1:59	RE 2:05									
Amounts of precipitation	07	T	T									
Cloudiness and other conditions					← pt Cloudy					Clear →		
Sunset: Time, 6:34 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.4	0.6	0.9	1.0	0.6	0.4	0					
Wind direction	W	NW	NW	NW	W	W	W	W	NW	W	W	NW
Wind movement	14	24	21	19	18	14	10	10	14	13	11	11
Maximum velocities (exceeding 24 miles) direction and time		33 NW 1:28	25 NW 2:00									

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	45	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .12 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.1 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 44
Prevailing wind direction, W Total wind, 342
Average hourly velocity, 14.2 Extreme velocity, 36
Maximum velocity, 33 Direction, NW
Time began, 1:28 p.m.
Reduced barometer, 29.51 7 a. m. 29.25 7 p. m.
River gage, 10.1 feet
Relative humidity, 88 7 a. m. 71 7 p. m.

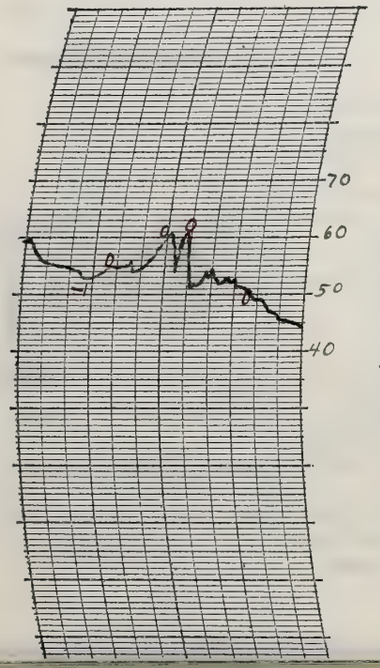
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

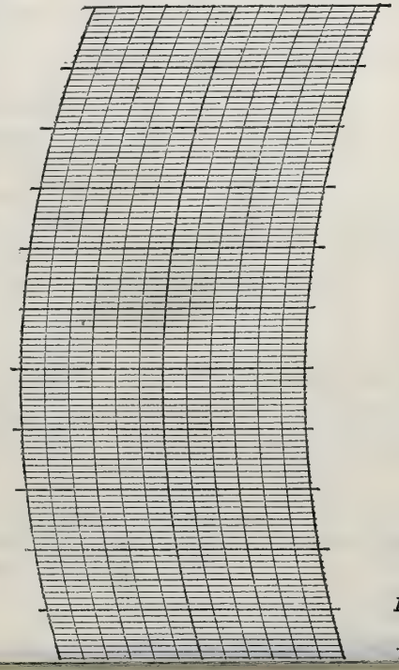
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.5 Wet temperature, 54.0
Dew-point, 49 R. humidity, 66 V. pressure, .347
Clouds: Amount, 9; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

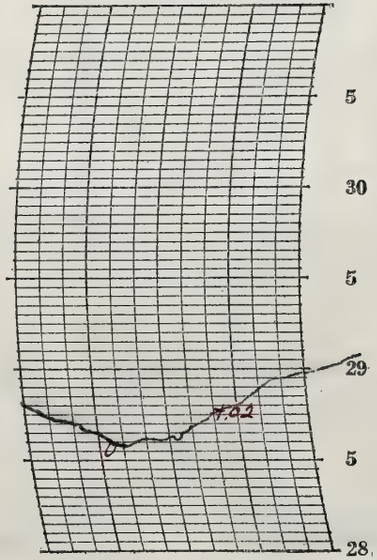
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

The thunderstorm and high wind that passed over the city at 1:28 p.m. did a great deal of damage to trees. Power lines and several autos were damaged by tree tops blowing on them. No one reported hurt.

Thunder first heard at 12:13 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	42	41	41	42	44	45	48	51	52
State of weather: Nature of precipitation and time of beginning and ending		RB DN2 RB DN3										
Amounts of precipitation		T										
Cloudiness and other conditions								Clear				
Sunrise: Time, 4.41 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)					0.32 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	W	W
Wind movement	9	8	7	5	5	5	7	8	9	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	56	57	57	56	55	53	52	51	50	49	48
State of weather: Nature of precipitation and time of beginning and ending							RB 6:40 RE 6:45					
Amounts of precipitation							T					
Cloudiness and other conditions				Prdly		Cloudy				Prdly		
Sunset: Time, 6.35 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0					
Wind direction	W	W	W	W	W	W	W	W	NW	NW	N	NE
Wind movement	9	11	10	9	8	8	8	5	4	3	4	4

Maximum velocities (exceeding 2.4 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	41	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.4 Possible sunshine, hours, 13.9

Per cent of possible sunshine, 89

Prevailing wind direction, W Total wind, 176

Average hourly velocity, 7.3 Extreme velocity, 13

Maximum velocity, 13 Direction, W

Time began, 12.48 p.m.

Reduced barometer, 30.05 7 a. m. 30.00 7 p. m.

River gage, 9.4 feet

Relative humidity, 70 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

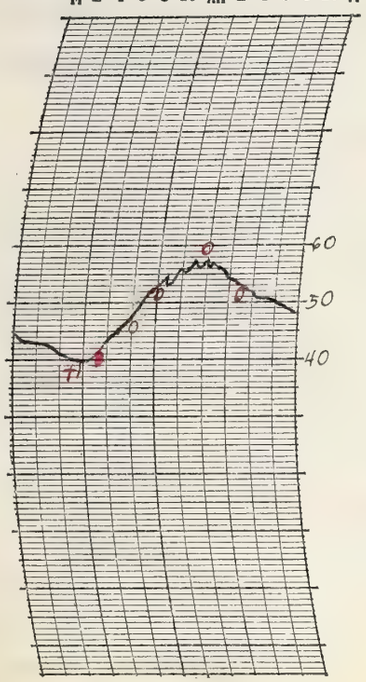
Dry temperature, 51.8 Wet temperature, 43.9

Dew-point, 35 R. humidity, 52 V. pressure, .203

Clouds: Amount, 1; Kind, cirst; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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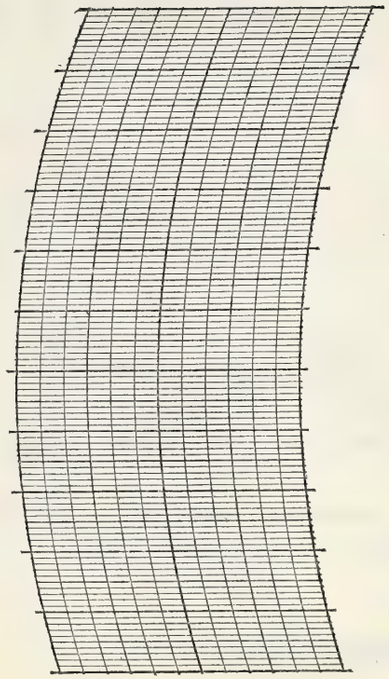
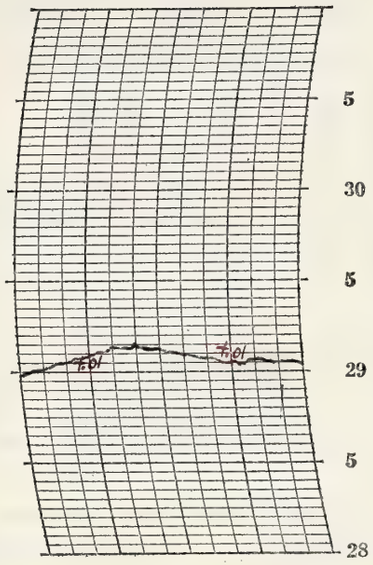


BAROGRAPH.



Prepared by EJH

Verified by E.L.H.

8—486

NOTES

Mostly clear beautiful day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Port Huron, Mich., (Day of week) Tuesday, (Date) APR 30 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	45	44	46	50	56	62	66	68	70	73	74	74	74	73	71	69	67	64 RP 8:38	64	63	61 RE ONp
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																					0.5	T	0.1	T
Cloudiness and other conditions					←			Pt.	Cloudy				Clear		Pt Cldy		X		Cloudy					
Sunrise: Time, Character	4:40 Cloudy																				Sunset: Time, Character	6:36 Cloudy		
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0.2	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	E	E	E	E	E	E	SE	SE	SE	S	S	S	S	S	S	SW	S	S	S	S	S	S	SW	SW
Wind movement	3	3	4	5	5	5	7	8	12	14	17	15	16	17	17	13	12	12	10	8	10	6	12	11
Maximum velocities (exceeding ___ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	44	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.3 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 74
Prevailing wind direction, S Total wind, 242
Average hourly velocity, 10.1 Extreme velocity, 22
Maximum velocity, 21 Direction, S
Time began, 10:20 a m
Reduced barometer, 29.88 7 a. m. 29.56 7 p. m.
River gage, 8.7 feet
Relative humidity, 65 7 a. m. 53 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

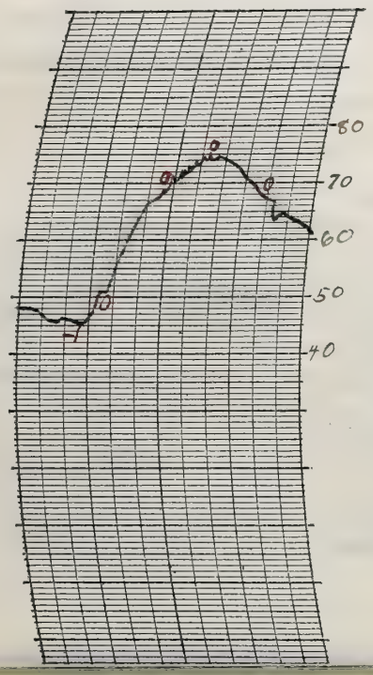
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.2 Wet temperature, 57.1
Dew-point, 47 R. humidity, 44 V. pressure, .322
Clouds: Amount, 3/4; Kind, cirst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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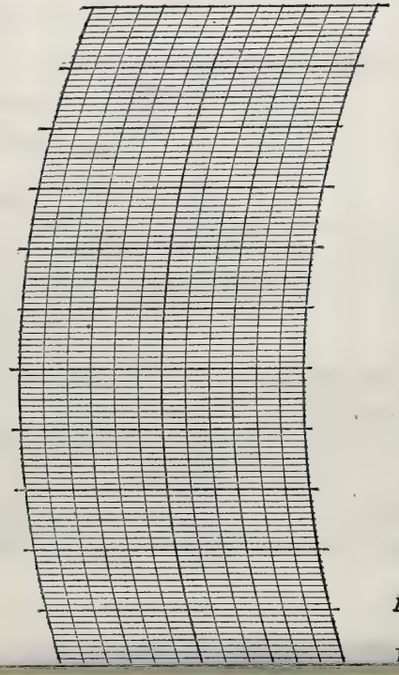
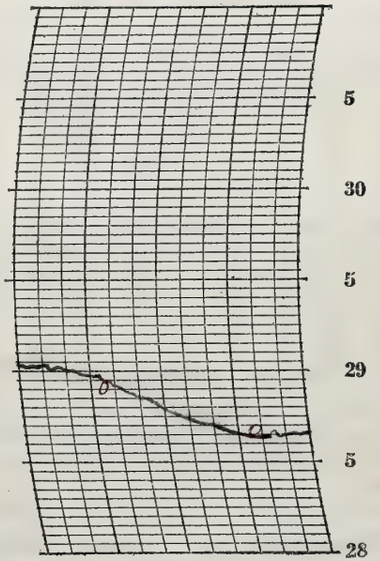


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H

NOTES

Partly cloudy, warm, pleasant day becoming threatening at night with a brisk thunderstorm.

Lightning was first seen in the west and northwest at 7:40 p.m. and thunder first heard at 8:38 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	58	57	57	58	60	62	63	65	66
Nature of precipitation and time of beginning and ending									RB 8:25 RE 8:35			
Amounts of precipitation									T			
Cloudiness and other conditions					Pt Cloudy							
Sunshine (in tenths of hours)					0	0	0.6	0.9	0.4	0.3	0.8	1.0
Wind direction	SW	SW	SW	W	S	S	S	SW	SW	SW	W	W
Wind movement	11	11	10	7	6	11	11	13	12	11	10	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	63	60	56	52	49	46	44	44	45	46
Nature of precipitation and time of beginning and ending												RB 11:40
Amounts of precipitation												T
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	9	12	14	16	15	12	11	11	9	7	10	12

Sunrise: Time, 4:39 Character, Cloudy

Moonrise:

Sunset: Time, 6:32 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	44	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.6 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 9.0 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 64

Prevailing wind direction, NW Total wind, 260

Average hourly velocity, 10.8 Extreme velocity, 19

Maximum velocity, 18 Direction, NW

Time began, 3:40 pm

Reduced barometer, 29.55 7 a. m. 29.68 7 p. m.

River gage, 7.5 feet

Relative humidity, 77 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

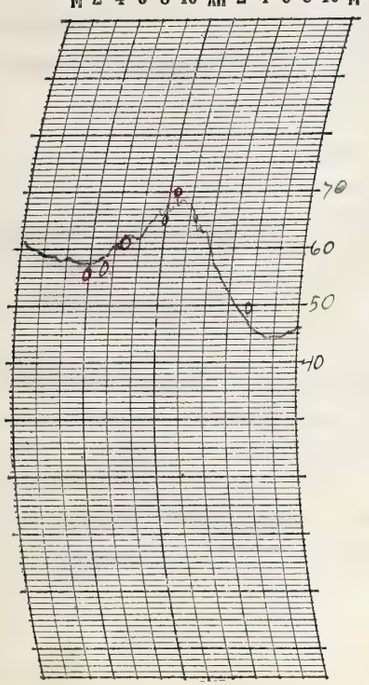
Dry temperature, 66.1 Wet temperature, 57.8

Dew-point, 51 R. humidity, 61 V. pressure, .323

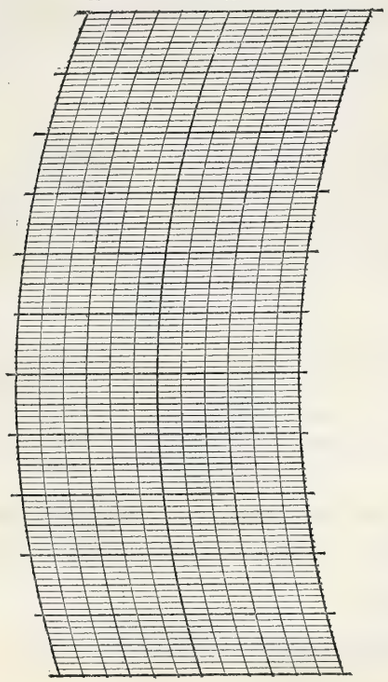
Clouds: Amount, 7; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

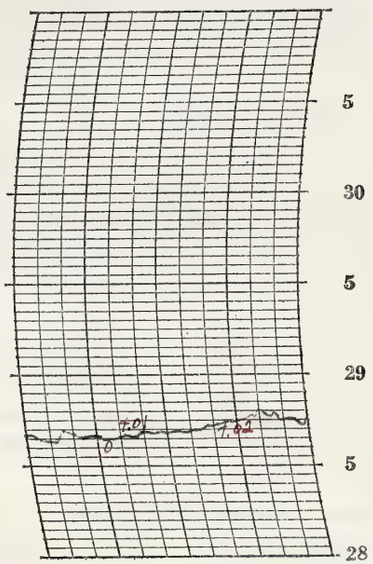
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JH

Verified by E.L.A.

NOTES

A light sprinkle fell in the morning; it consisted of only a few drops. A partly cloudy, mild, windy day.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 2 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	40	40	39	39	38	37	37	38	38	39	40	39	37	35	35	35	36	35	36	38	39
State of weather: Nature of precipitation and time of beginning and ending							RE 6:25	RB 7:06						RE 1:20 RB 1:40	RE 2:30	RB 3:10		RE 5:30 SMB 5:30					SME 10:45	
Amounts of precipitation	04	07	03	T	07	10	T	02	09	06	09	06	15	01	01	T	T	T	01	T	T	T	T	
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 4:37 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 6:38 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	9	11	14	17	15	18	21	22	22	25	24	18	15	12	16	20	20	21	22	22	22	20	17	17
Maximum velocities (exceeding 24 miles) direction and time								26 NE 7:45	28 NE 8:35	32 NE 9:18	28 NE 10:13								27 NW 6:45	26 NW 7:24	27 NW 8:18			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

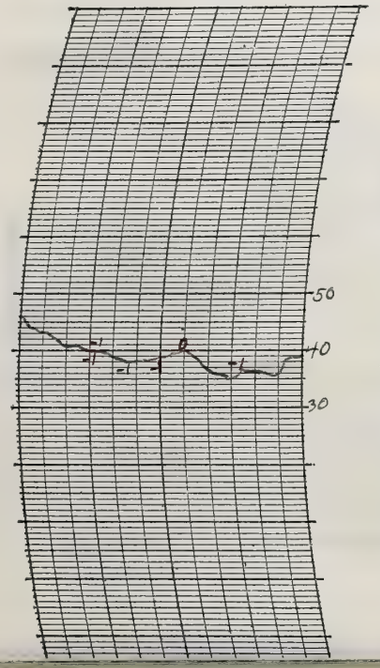
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	35	40	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .50 ins.
Total precipitation, midnight to midnight, .51 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 440
Average hourly velocity, 18.3 Extreme velocity, 40
Maximum velocity, 32 Direction, NE
Time began, 9:18 a.m.
Reduced barometer, 29.48 7 a. m. 29.37 7 p. m.
River gage, 6.8 feet
Relative humidity, 88 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.1 Wet temperature, 37.9
Dew-point, 38 R. humidity, 98 V. pressure, .228
Clouds: Amount, 10; Kind, stus; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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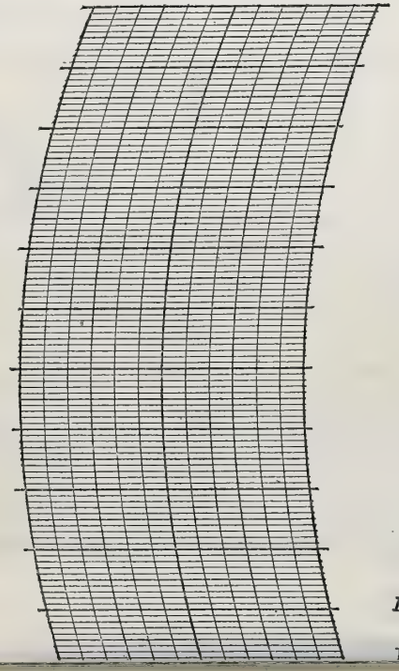
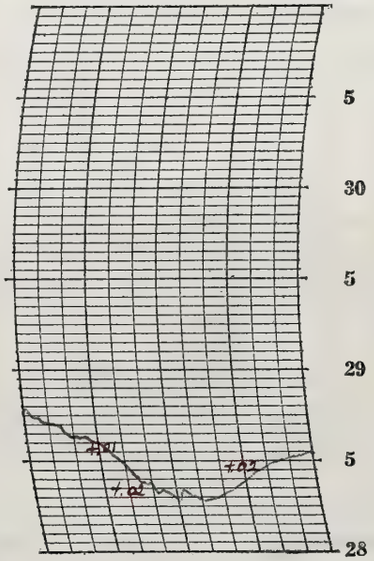


BAROGRAPH.



Prepared by

Verified by E.L.H

NOTES

Thunder first heard at 10:12 a.m.
A rainy day, streets very slippery all day and at night. Visibility poor at night. Very bad, dangerous, day for autos.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 3 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	38	38	37	35	36	36	37	38	39	39
State of weather: Nature of precipitation and time of beginning and ending						SMB DNd SME DNd				SMB 9:50 SME 9:55		
Amounts of precipitation						T				T		
Cloudiness and other conditions					←			Cloudy			X	
Sunrise: Time, Character,	4:36 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)					0	0.3	0.1	0.4	0.9	0.8	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	19	18	16	15	12	16	18	19	21	20	23	21
Maximum velocities (exceeding 24 miles) direction and time									23 W 8:25		26 W 10:45	25 W 11:36

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	42	43	43	43	43	42	42	42	42	41
State of weather: Nature of precipitation and time of beginning and ending	SMB 12:15 SME 12:20											
Amounts of precipitation	T											
Cloudiness and other conditions	Prdly X						Cloudy					→
Sunset: Time, Character,									6:39 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0.2	0.2	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	20	19	18	18	16	15	9	5	2	3	4	5
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	34	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.5 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 61
Prevailing wind direction, W Total wind, 352
Average hourly velocity, 14.7 Extreme velocity, 30
Maximum velocity, 26 Direction, W
Time began, 10:45 a m.
Reduced barometer, 29.58 7 a. m. 29.76 7 p. m.
River gauge, 13.0 feet
Relative humidity, 87 7 a. m. 58 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

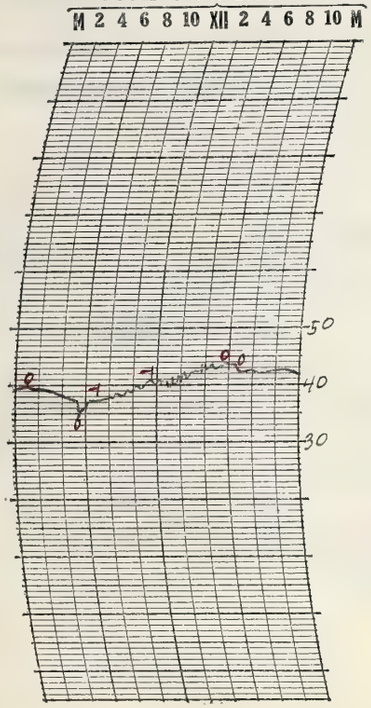
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.	
5 min.	
10 min.	
15 min.	
20 min.	
25 min.	
30 min.	
35 min.	
40 min.	
45 min.	
50 min.	
60 min.	
80 min.	
100 min.	
120 min.	

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.2 Wet temperature, 33.9
Dew-point, 26 R. humidity, 58 V. pressure, .136
Clouds: Amount, 8; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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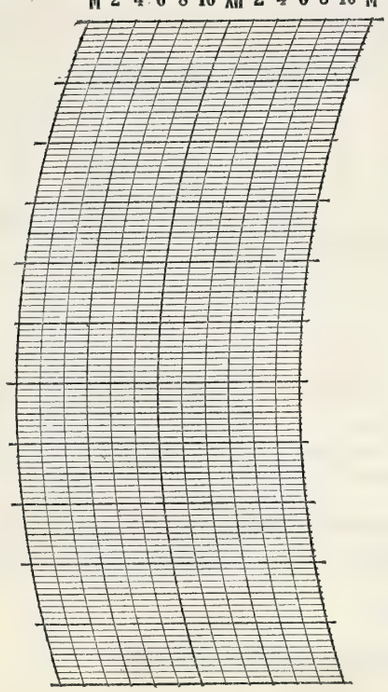
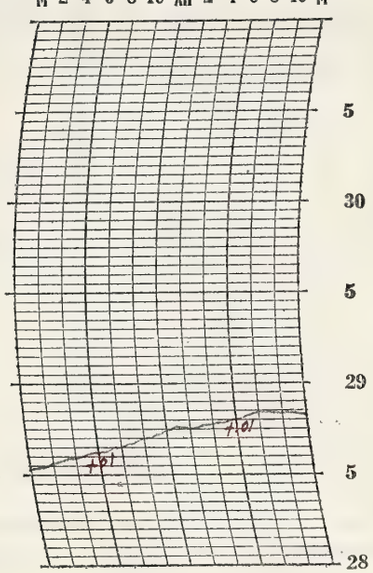


BAROGRAPH.



Prepared by CJS

Verified by E.L.H.

8—486

NOTES

A few snow flurries fall during the day, but the snow melted as it fell. Poor visibility during snow flurries.

Warning received "possibly frost"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 4 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	38	37	39	42	48	51	52	52	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear			× Pt Cldy			×	
Sunshine (in tenths of hours)					0.42 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	7	8	8	8	8	8	9	13	14	15	15	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	51	51	50	48	47	46	45	45	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	0.1	0	0	0	0					
Wind direction	W	W	SW	SW	SW	W	W	SW	SW	SW	SW	SW
Wind movement	13	10	12	11	9	8	7	7	9	10	10	7

Sunrise: Time, 4:35 Character, Clear
Moonrise:

Sunset: Time, 6:40 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

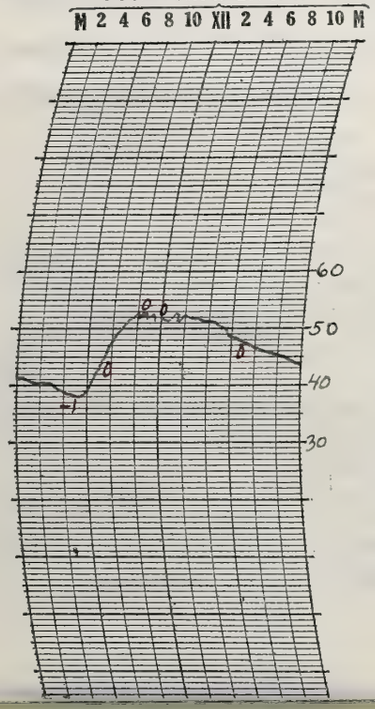
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	37	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 9.5 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 67
Prevailing wind direction, SW Total wind, 239
Average hourly velocity, 10.0 Extreme velocity, 19
Maximum velocity, 17 Direction, SW
Time began, 9:18 a.m.
Reduced barometer, 29.80 7 a. m. 29.81 7 p. m.
River gage, 13.9 feet
Relative humidity, 77 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.8 Wet temperature, 44.8
Dew-point, 37 R. humidity, 58 V. pressure, .219
Clouds: Amount, 9; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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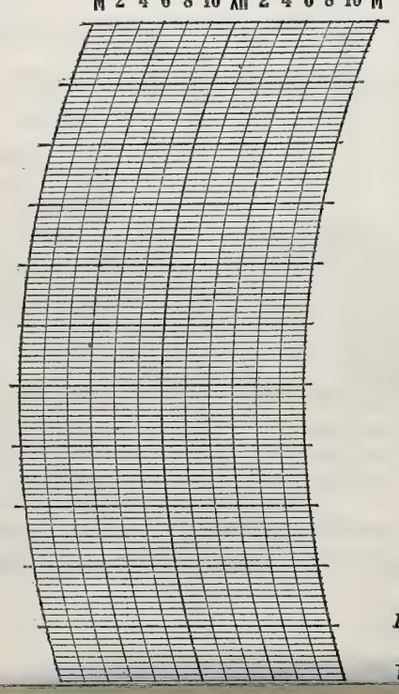
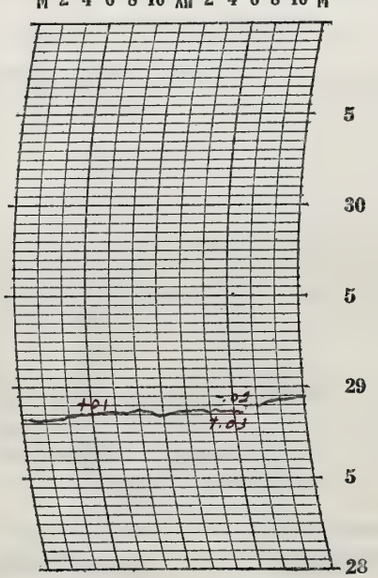


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

A light frost in the early morning did very little damage. Pt Cloudy in the early morning, but cloudy a little after 10:00 a.m. and clouds continued into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 5 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	39	38	37	37	41	45	48	50	52	53	53	54	55	55	54	53	51	50	49	49	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear								→			
Sunshine (in tenths of hours)					0.45 0	0.4 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	W	W	W	W	W	SN	SW	SW	SW	S	S
Wind movement	7	8	7	8	8	9	8	10	12	14	15	14	16	13	13	13	12	10	6	5	6	5	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 43 3 Character, Clear
Moonrise:
Sunset: Time, 6:41 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

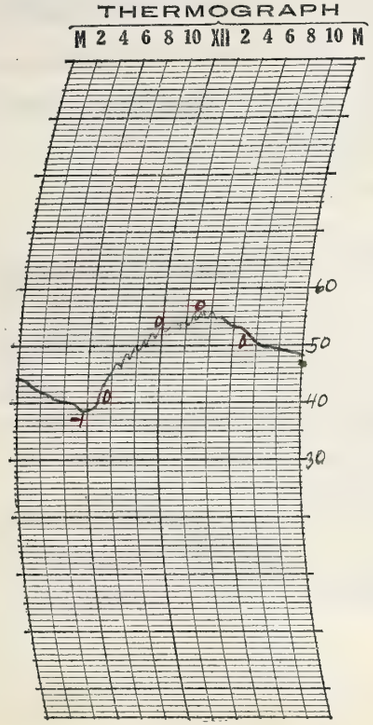
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.6 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 89
Prevailing wind direction, SW Total wind, 229
Average hourly velocity, 9.5 Extreme velocity, 22
Maximum velocity, 20 Direction, SW
Time began, 9:38 2 m
Reduced barometer, 29.94 7 a. m. 30.02 7 p. m.
River gage, 11.3 fee
Relative humidity, 84 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.4 Wet temperature, 45.1
Dew-point, 36 R. humidity, 52 V. pressure, 12.11
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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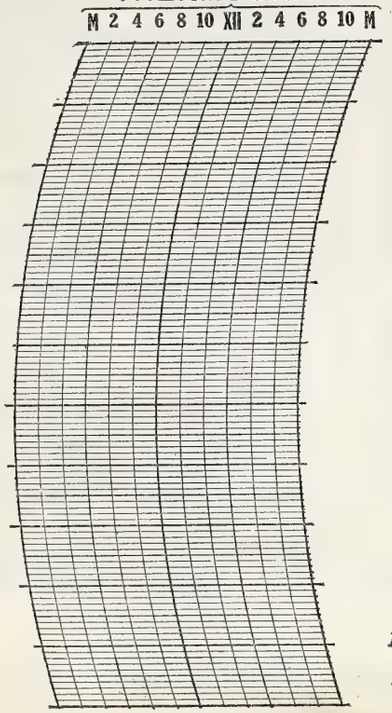
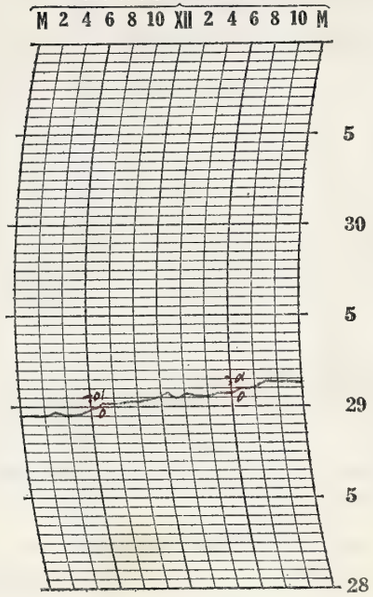


BAROGRAPH.



Prepared by JJ

Verified by E.H.

8—486

NOTES

A heavy frost occured in the morning with slight damage to tender plants. Clear, cool, windy and not very pleasant. Today is Rogation Sunday. Warning received "possibly frost tonight"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 6, 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	46	46	45	47	49	50	51	52	53	53 RB 11:12	53	54 RE 1:05	52 RB 2:45	50	52	50 RE 5:30	47	46	45	44	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation												T	T	T	T	.01	T	T						
Cloudiness and other conditions												Cloudy										Sprinkle		

Sunrise: Time, 4:32 Character, Cloudy

Sunset: Time, 6:42 Character, Cloudy

Moonrise:

Moonset:

Sunshine (in tenths of hours)					0	0.4	0.1	0	0	0	0	0.6	0	0.6	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	E	E	NE	E	NE	N	N	NW	NW	NW	NW	N	N	N	NW	W	W
Wind movement	6	5	4	3	2	1	2	4	3	4	3	4	5	6	7	5	6	6	7	4	3	4	6	4
Maximum velocities (exceeding 2.4 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 2.7 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 19

Prevailing wind direction, S Total wind, 104

Average hourly velocity, 4.3 Extreme velocity, 13

Maximum velocity, 13 Direction, N

Time began, 6:17 p.m.

Reduced barometer, 30.01 7 a. m. 30.04 7 p. m.

River gage, 10.0 feet

Relative humidity, 67 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

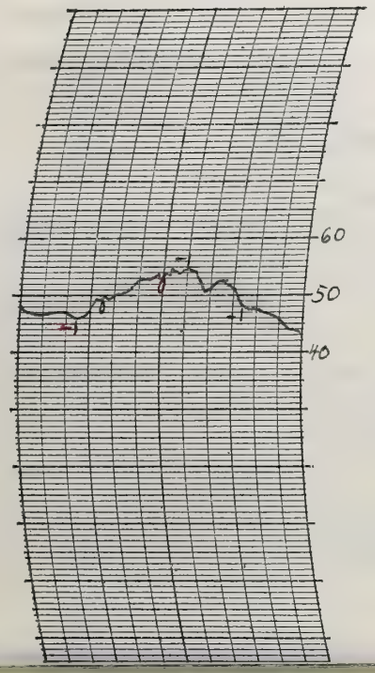
Dry temperature, 53.2 Wet temperature, 45.3

Dew-point, 37 R. humidity, 54 V. pressure, .212

Clouds: Amount, 4; Kind, cu; Direction, NE

Velocity of clouds (miles per hour)

THERMOGRAPH



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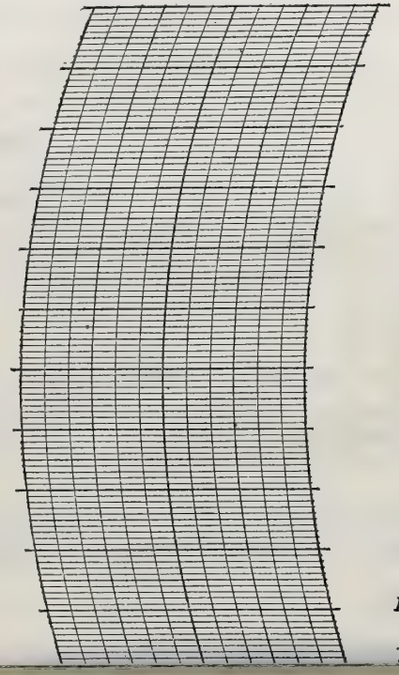
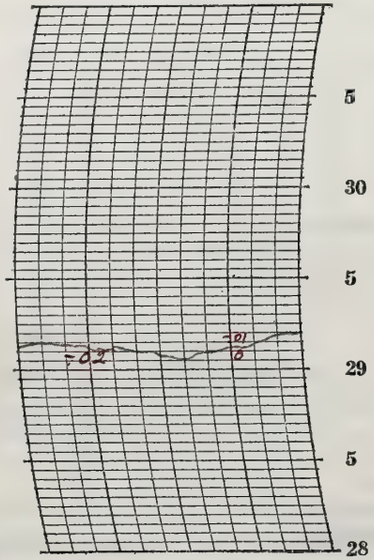


BAROGRAPH.



Prepared by

Verified by E.L.H

NOTES

Sprinkles off and on most of the afternoon. Streets becoming slippery about 1:00 p.m. and continued in that condition until 5 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	37	38	42	48	51	52	53	53	53	53	53	54	55	53	50	49	48	48	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear											→
Sunrise: Time, 4:31 Character, Clear																					Sunset: Time, 6:43 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.48 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.72 0					
Wind direction	W	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	NW	W	NW	NW	N	N	NE	NE	NE
Wind movement	4	5	5	8	8	6	8	7	10	17	17	16	18	18	17	13	13	12	7	4	3	2	2	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

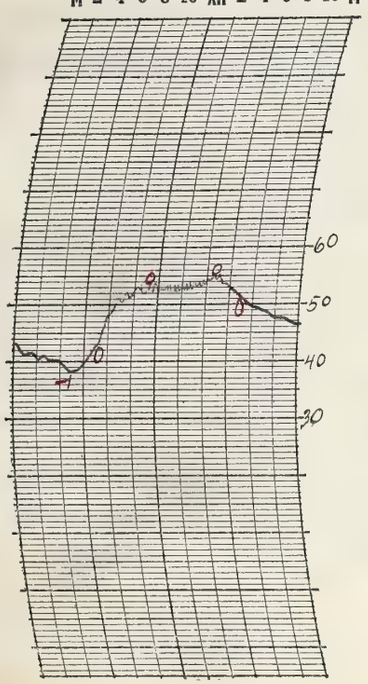
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 222
Average hourly velocity, 9.2 Extreme velocity, 23
Maximum velocity, 23 Direction, W
Time began, 9:07 a m
Reduced barometer, 30.20 7 a. m. 30.34 7 p. m.
River gage, 9.3 feet
Relative humidity, 77 7 a. m. 51 7 p. m.

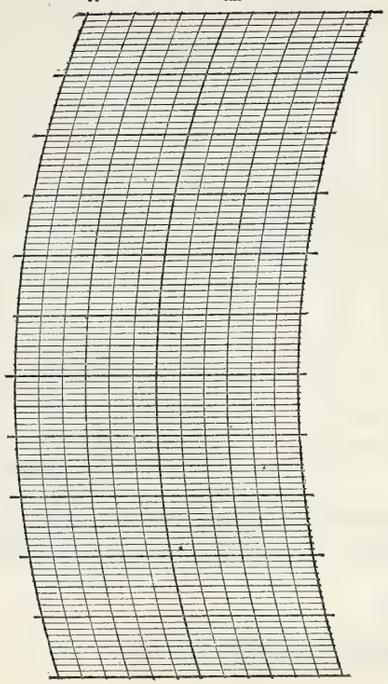
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.0 Wet temperature, 43.0
Dew-point, 31 R. humidity, 42 V. pressure, .172
Clouds: Amount, Few; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

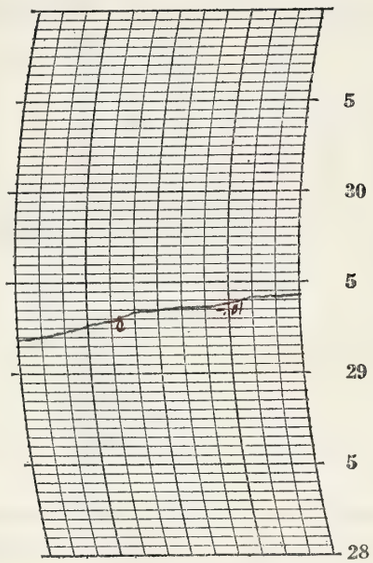
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.L.H.

8—486

NOTES

A light frost occurred last night but did very little, if any, damage.
A clear, cool, pleasant day.
Warning received "light frost probable tonight"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 3 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	43	43	43	47	51	53	55	58	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear			X Pt Cldy	X	
Sunshine (in tenths of hours)					0.50 0	0.6 0	0.9	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SW
Wind movement	2	3	3	3	2	4	4	5	5	5	6	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	61	60	59	58	57	56	55	54	53	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X Pt Cldy			X			Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0					
Wind direction	SW	S	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	4	4	5	5	3	6	4	4	4	5	8	6

Sunrise: Time, 4:30 Character, Clear
Moonrise:
Sunset: Time, 6:44 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

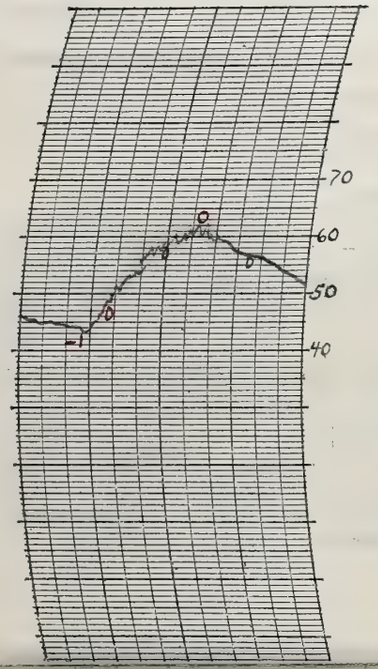
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	42	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.1 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 78
Prevailing wind direction, SE Total wind, 105
Average hourly velocity, 4.4 Extreme velocity, 9
Maximum velocity, 9 Direction, N
Time began, 10:55 p.m.
Reduced barometer, 30.36 7 a. m. 30.28 7 p. m.
River gage, 2.1 feet
Relative humidity, 60 7 a. m. 47 7 p. m.

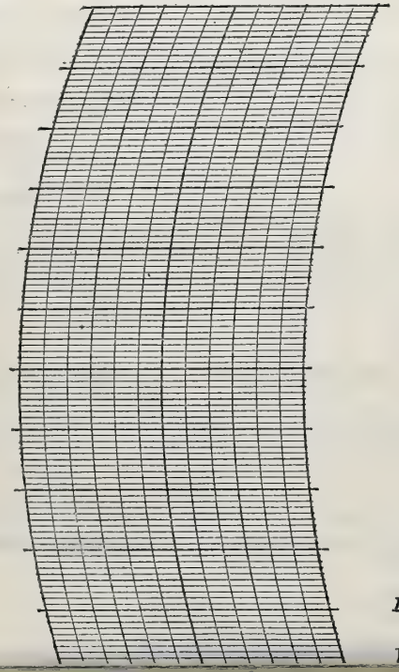
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.2 Wet temperature, 47.8
Dew-point, 37 R. humidity, 45 V. pressure, .219
Clouds: Amount, 3 2 cu; Kind, ci cu; Direction, SW SW
Velocity of clouds (miles per hour)

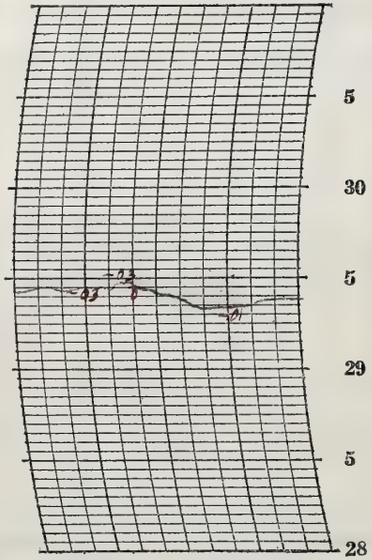
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.
Verified by E. L. H

NOTES

A light frost occurred last night, but no damage occurred. A partly cloudy, mild, pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 9 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	47	46	45	44	46	50	51	52	53	54	55	56	57	57	56	56	55	53	51	50	48	46
State of weather: Nature of precipitation and time of beginning and ending					RB DN2	RE DN2																		
Amounts of precipitation					T	T																		
Cloudiness and other conditions					← Cldy	Cldy	× Pt Cldy			×			Clear		× Pt Cldy				× Clear		→			
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.2					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	W	N	NE	N	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	8	6	7	8	7	5	4	9	8	8	6	7	7	7	7	6	6	7	5	4	5	5	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:29 Character, Cloudy
Moonrise:
Sunset: Time, 6:45 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

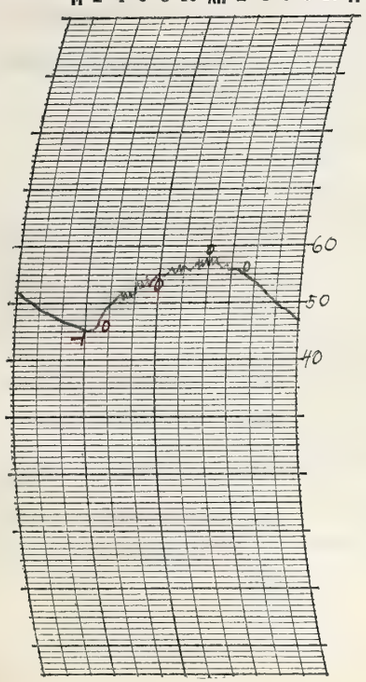
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	44	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.9 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 83
Prevailing wind direction, N Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 7:37 2 m.
Reduced barometer, 30.40 7 a. m. 30.42 7 p. m.
River gage, 6.2 feet
Relative humidity, 79 7 a. m. 46 7 p. m.

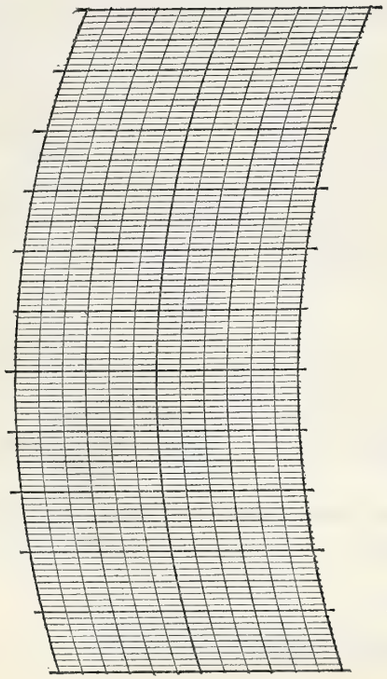
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.2 Wet temperature, 43.7
Dew-point, 31 R. humidity, 42 V. pressure, .122
Clouds: Amount, 2 Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

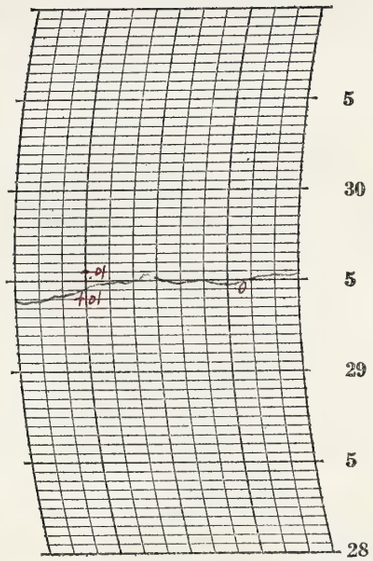
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by G.
Verified by E. L. H.

8—486

NOTES

A light rain occurred in the early morning (near five a.m.), but the day ranged from clear to partly cloudy. Clear at night.
Today is Ascension Day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	42	42	43	47	50	53	55	57	58	59	61	63	63	63	61	58	56	54	51	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear		×			Pt Cldy					×		Cldy			→		
Sunshine (in tenths of hours)					0.53 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.5	0					
Wind direction	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	E	E	E	E	E	SE	E	E	E	E	E	E
Wind movement	4	5	6	5	4	3	6	8	9	8	9	9	9	9	10	9	8	6	8	8	6	8	6	5
Maximum velocities (exceeding 2[illegible] miles) direction and time																								

Sunrise: Time, 4:28 Character, Clear
Moonrise:
Sunset: Time, 6:46 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

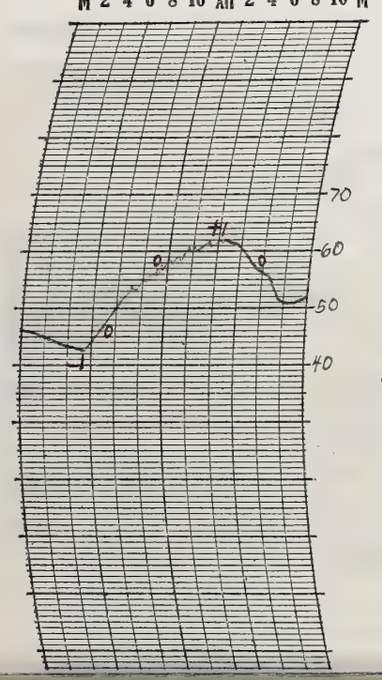
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	42	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, PCloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.6 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 88
Prevailing wind direction, E Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 2:49 p.m.
Reduced barometer, 30.50 7 a. m., 30.32 7 p. m.
River gage, 5.2 feet
Relative humidity, 54 7 a. m. 40 7 p. m.

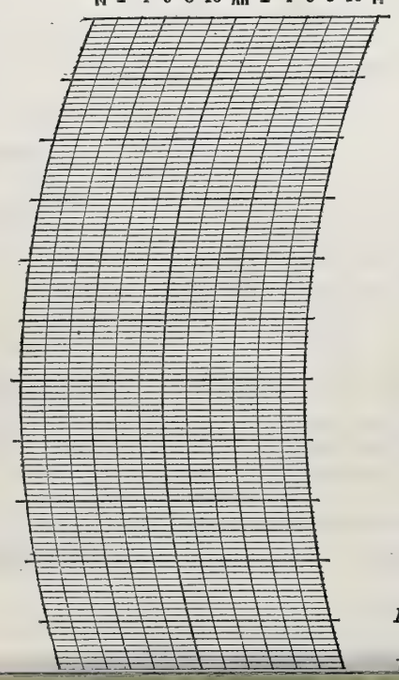
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.2 Wet temperature, 46.2
Dew-point, 32 R. humidity, 38 V. pressure, .180
Clouds: Amount, 4; Kind, Cirst.; Direction, SW SW
Velocity of clouds (miles per hour)

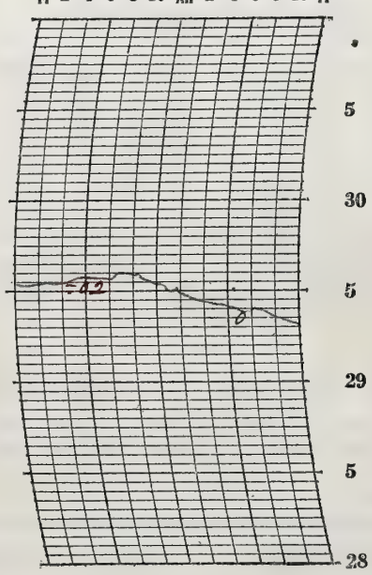
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JJ

Verified by ELH

NOTES

A 22° solar halo observed about noon.
A Clear morning followed by overcast sky of very high clouds. Sunshine thru clouds all of afternoon.
A light frost occurred last night, but no damage.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 11 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	53	54	56	57	58	61	67	67	67	68	69	70	73	75	74	75	74	72	59	61	61	60	60
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:16 RE 7:30 HB7:32 HB7:32 HB7:32				R Cont
Amounts of precipitation																				.33	.07	T	T	.05
Cloudiness and other conditions					←		Pt Cldy					×	Cldy ×	Pt Cldy		×			Cldy	→				
Sunshine (in tenths of hours)					0.55 0	0.7 0.2	0.8	1.0	0.6	0.6	0.8	1.0	1.0	1.0	1.0	0.8	1.0	0.1	0					
Wind direction	E	SE	SE	SE	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	9	7	7	8	11	11	16	18	17	18	19	20	19	20	23	21	20	16	20	12	10	9	7
Maximum velocities (exceeding 2 miles) direction and time																27 SW 3:25	27 SW 4:30			28 W 7:19				

Sunrise: Time, 4:27 Character, Clear
Moonrise:
Sunset: Time, 6:47 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

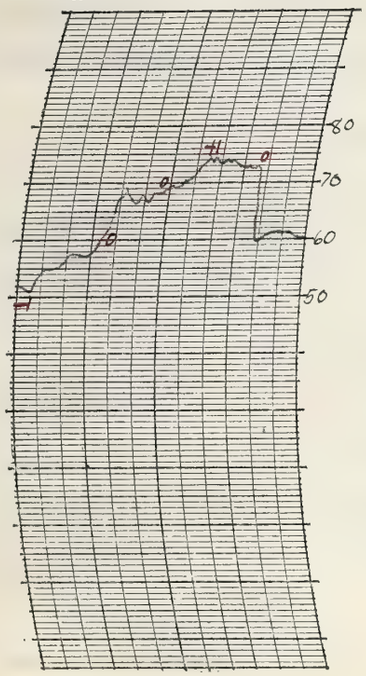
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 11.2 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 78
Prevailing wind direction, SW Total wind, 342
Average hourly velocity, 14.2 Extreme velocity, 32
Maximum velocity, 28 Direction, W
Time began, 7:19 p.m.
Reduced barometer, 30.12 7 a. m. 30.02 7 p. m.
River gage, 4.4 feet
Relative humidity, 79 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.2 Wet temperature, 64.4
Dew-point, 62 R. humidity, 78 V. pressure, .555
Clouds: Amount, 10; Kind, stcu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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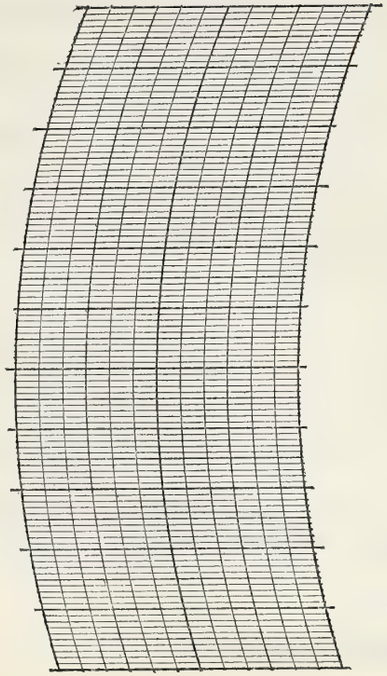
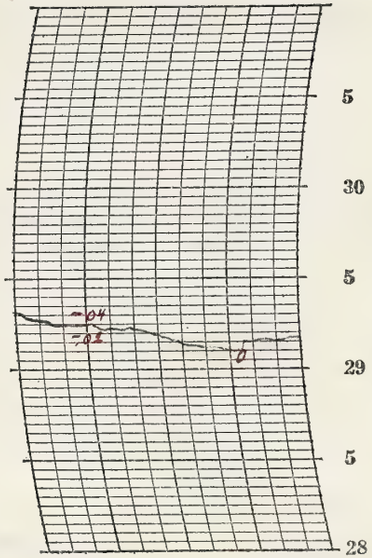


BAROGRAPH.



Prepared by H
Verified by E.L.H.

8—486

NOTES

Lightning was first seen in the west and northwest at 7:05 p.m. with thunder first heard at 7:16 p.m.

A very heavy thunderstorm in the evening. Considerable damage caused by trees falling on autos due to the 28-mile wind that occurred along with the storm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	61	61	61	57	56	57	57	56	55	56	60	63	65	65	65	62	62	61	60	59	59	58	58
State of weather. Nature of precipitation and time of beginning and ending						RE DN2	RB 6:25					RE 11:10				RB 3:48	RE 4:30							
Amounts of precipitation	.02	T	.03	.05	.01	.01	.01	.08	.05	.02	.06	T				T	.01							
Cloudiness and other conditions	Cloudy																							

Sunrise: Time, 4:26 Character, Cloudy
Moonrise:
Sunset: Time, 6:48 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.3	1.0	1.0	1.0	0.6	0	0	0	0					
Wind direction	SW	SW	SW	SW	N	N	NE	NE	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	8	7	6	6	7	4	3	2	6	4	2	2	6	5	6	7	6	2	2	4	3	3	3	1
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

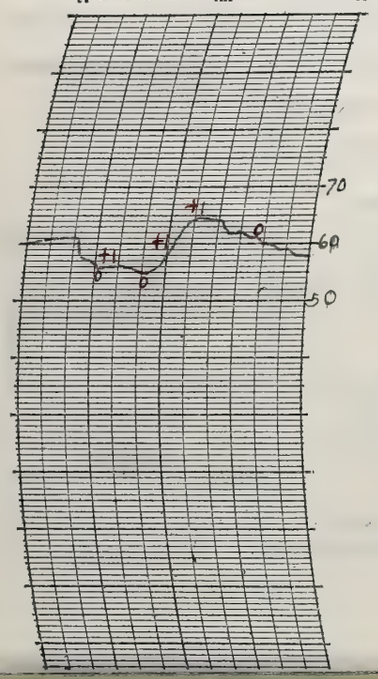
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	55	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .58 ins.; to 7 p. m., .22 ins.
Total precipitation, midnight to midnight, .35 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.9 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 27
Prevailing wind direction, NW Total wind, 105
Average hourly velocity, 4.4 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 4:07 2 m.
Reduced barometer, 30.13 7 a. m. 30.20 7 p. m.
River gage, 4.3 feet
Relative humidity, 91 7 a. m. 59 7 p. m.

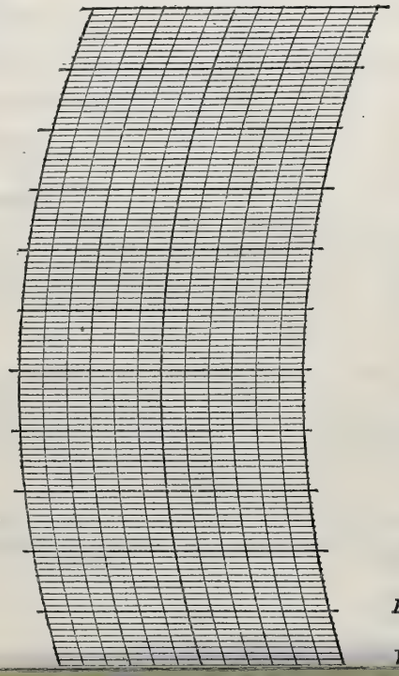
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.8 Wet temperature, 55.8
Dew-point, 53 R. humidity, 78 V. pressure, .402
Clouds: Amount, 3; Kind, Sc; Direction, W
Velocity of clouds (miles per hour)

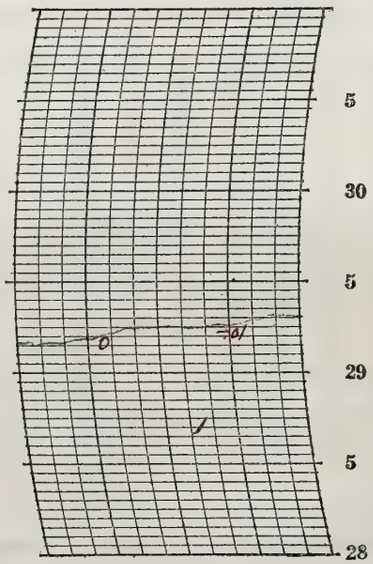
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

A cloudy, mild day with quite heavy rain in the morning. Streets slick and visibility poor during the morning. Visibility better and streets dry by 6 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 13 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	56	55	52	50	50	51	51	51	51	52	54	56	57	56	55	55	55	54	52	51	52
State of weather: Nature of precipitation and time of beginning and ending									RB 8:05 RE 8:20	RB 9:00 RE 10:00	RB 10:30		RE 12:40			RB 3:20								
Amounts of precipitation									T	T	T	01	01			T	02	03	03	T	02	02	03	06
Cloudiness and other conditions					←							Cloudy									→			

Sunrise: Time, 4:25 Character, Cloudy

Moonrise:

Sunset: Time, 6:50 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0.3	1.0	0.4	0	0	0	0					
Wind direction	W	W	W	NE	NE	E	NE	E	NE	E	E	E	NE	NE	NE	E	E	E	E	E	E	NE	E	E
Wind movement	2	2	2	4	8	11	11	10	10	10	9	10	8	10	7	7	8	8	8	8	9	8	8	7

Maximum velocities (exceeding 24 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	50	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.20 ins.

Total precipitation, midnight to midnight, .23 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.7 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 12

Prevailing wind direction, E Total wind, 185

Average hourly velocity, 7.7 Extreme velocity, 13

Maximum velocity, 13 Direction, E

Time began, 6:21 a.m.

Reduced barometer, 30.29 7 a. m. 30.20 7 p. m.

River gage, 5.5 feet

Relative humidity, 77 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

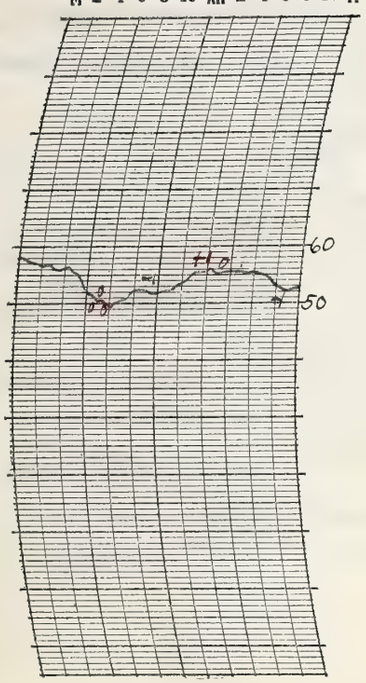
Dry temperature, 51.3 Wet temperature, 48.9

Dew-point, 46 R. humidity, 85 V. pressure, .310

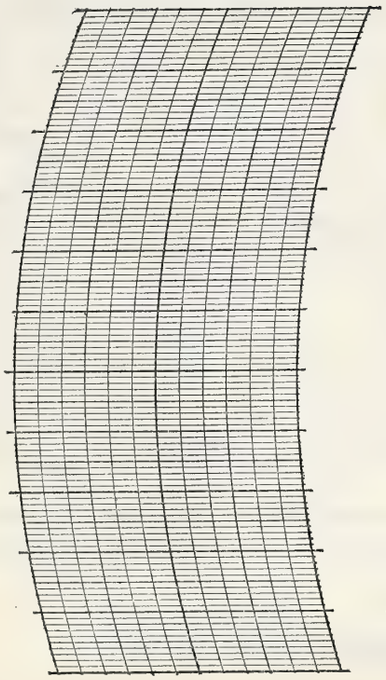
Clouds: Amount, 10; Kind, st; Direction, E

Velocity of clouds (miles per hour)

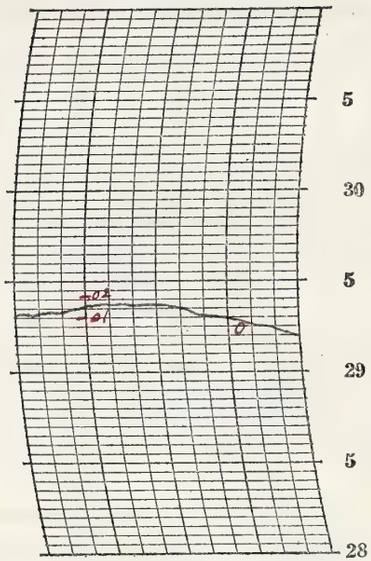
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H

NOTES

Rain most of the day. Streets were slippery from 4 pm until midnight. Driving dangerous at night. Visibility poor.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) MAY 14 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	52	54	54	55	58	61	64	67	68	68
	R Cont.								RE 8:05			RB 11:43
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	0.4	T	T	01	0.7	.18	.11	.10	T			T
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, 4:24 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0.9	0.5	0.6	0.5
Wind direction	E	E	E	E	E	E	SE	S	S	S	S	SW
Wind movement	7	5	4	5	4	6	8	11	14	15	16	17
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	71	73	74	74	72	67	65	64	63	61	60
	RE 13:40											
State of weather. Nature of precipitation and time of beginning and ending												
Amounts of precipitation	.11											
Cloudiness and other conditions							Pt Cldy →					
Sunset: Time, 6:51 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.8	1.0	1.0	1.0	0.9	0.4	0.1					
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW
Wind movement	17	15	13	11	11	13	12	9	9	10	8	7
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

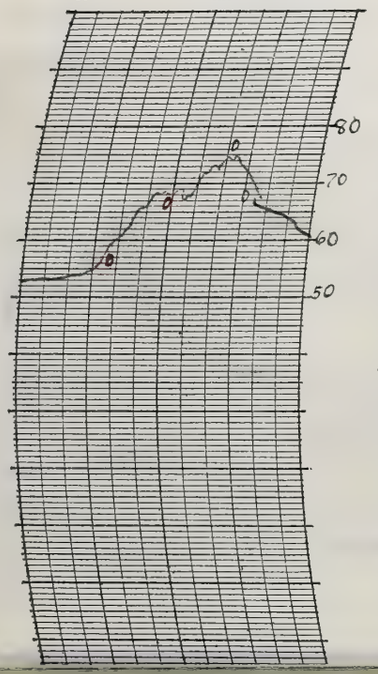
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .52 ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, 6.2 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 7.7 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 53
Prevailing wind direction, SW Total wind, 247
Average hourly velocity, 10.3 Extreme velocity, 25
Maximum velocity, 22 Direction, SW
Time began, 11:44 2 am.
Reduced barometer, 29.95 7 a. m. 29.91 7 p. m.
River gage, 6.0 fat
Relative humidity, 100 7 a. m. 73 7 p. m.

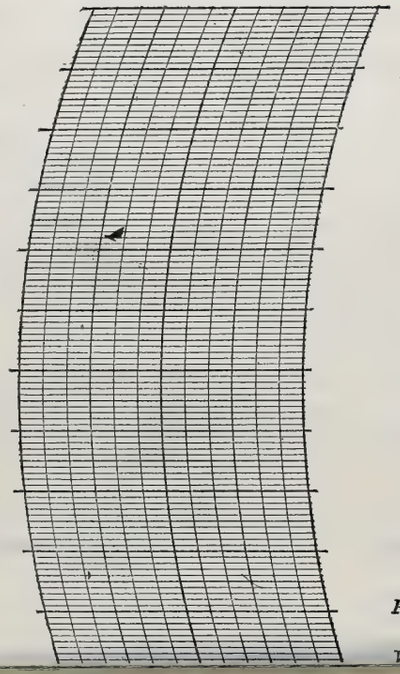
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.3 Wet temperature, 65.4
Dew-point, 64 R. humidity, 86 V. pressure, .595
Clouds: Amount, 10; Kind, stu; Direction, SW
Velocity of clouds (miles per hour)

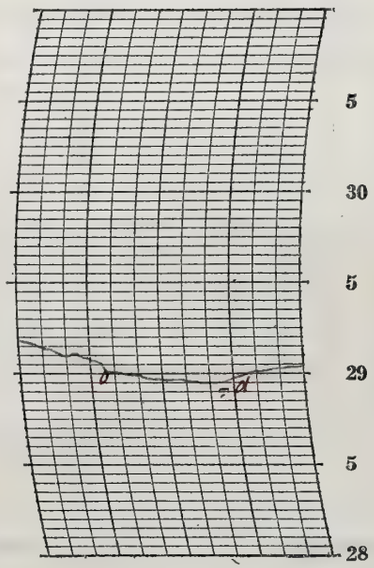
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Rain and poor visibility continued from midnight until 8 a.m. Streets dried and were not slippery after 9 a.m. A brisk shower during the noon hour. A warm day with sunshine through clouds most of the time.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 15 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	59	59	60	61	62	67	71	73	74	75
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cloudy							
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	5	6	7	8	8	8	10	11	9	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	78	78	80	78	77	75	73	73	73	65	64
Nature of precipitation and time of beginning and ending			RB 2:50 RE 3:35							RB 9:50		RE DNP
Amounts of precipitation			T							T	.06	T
Cloudiness and other conditions								Clearing	Cloudy →			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.3					
Wind direction	W	SW	SW	SW	SW	W	W	W	SW	SW	SW	SW
Wind movement	13	15	16	14	15	16	16	15	17	20	18	12

Sunrise: Time, 4:23 Character, Cloudy
Moonrise:

Sunset: Time, 6:52 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

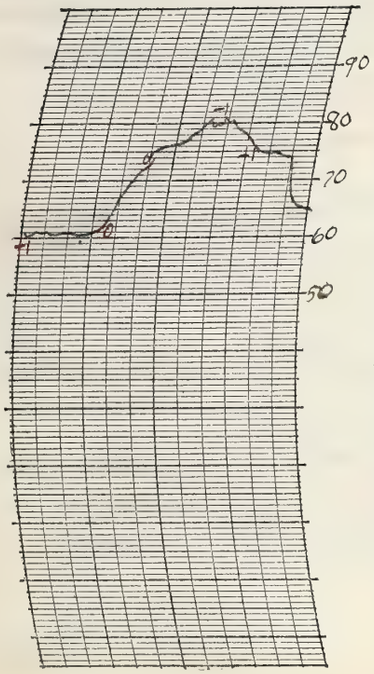
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.6 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 80
Prevailing wind direction, SW Total wind, 283
Average hourly velocity, 11.8 Extreme velocity, 26
Maximum velocity, 23 Direction, SW
Time began, 9:51 p.m.
Reduced barometer, 29.99 7 a. m. 29.74 7 p. m.
River gage, 12.4 feet
Relative humidity, 87 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.2 Wet temperature, 67.2
Dew-point, 63 R. humidity, 66 V. pressure, .575
Clouds: Amount, 6; Kind, cu.; Direction, SW.
Velocity of clouds (miles per hour)

THERMOGRAPH



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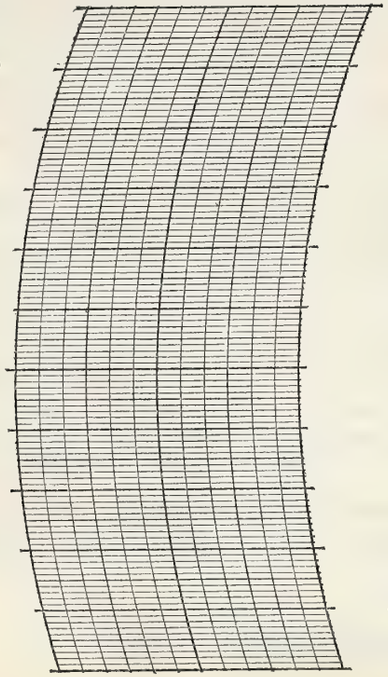
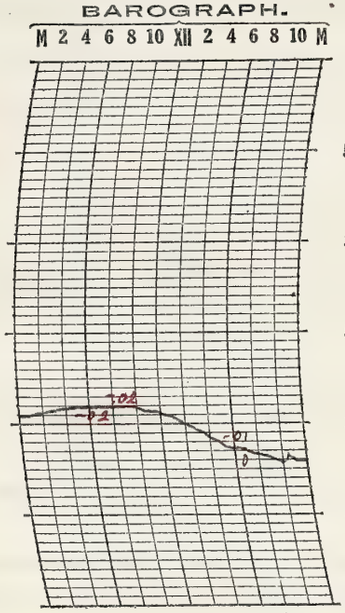


BAROGRAPH.



Prepared by O.H.
Verified by E.L.H.

8—486

NOTES

A partly cloudy day with a light sprinkle in the mid-afternoon, while the sun continued to shine. Increasing cloudiness after sunset with a light rain beginning at 9:50 p.m. and ending between 11:00 p.m. & midnight. 10:00 p.

A faint 22° lunar halo was observed about 9:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	53	47	46	45	41	39	38	40	42	45	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							X
Sunshine (in tenths of hours)					0	0	0	0	0.8	1.0	1.0	1.0
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	16	19	24	22	21	20	20	18	18	16	15	12
Maximum velocities (exceeding 24 miles) direction and time		28 W 1:50	27 W 2:22	26 W 3:33		26 W 5:00						

Sunrise: Time, 4:22 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	50	51	52	53	53	51	50	50	48	48	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly Cloudy X						Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.67 0.2					
Wind direction	NW	NW	NW	NW	N	N	N	NE	NW	N	N	N
Wind movement	11	8	8	7	5	5	3	2	2	2	2	1
Maximum velocities (exceeding 24 miles) direction and time												

Sunset: Time, 6:52 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

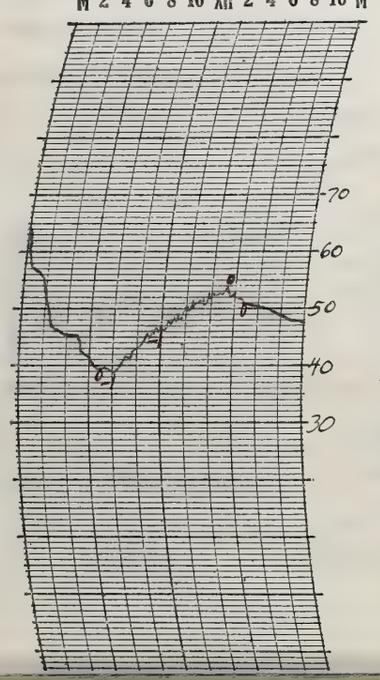
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	38	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.7 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 74
Prevailing wind direction, NW Total wind, 277
Average hourly velocity, 11.5 Extreme velocity, 32
Maximum velocity, 28 Direction, W
Time began, 1:50 a.m.
Reduced barometer, 30.05 7 a. m. 30.24 7 p. m.
River gage, 11.1 feet
Relative humidity, 76 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.3 Wet temperature, 42.8
Dew-point, 39 R. humidity, 75 V. pressure, .237
Clouds: Amount, 5; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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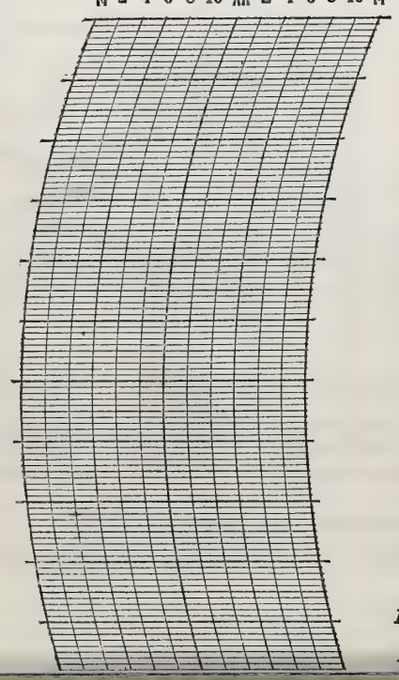
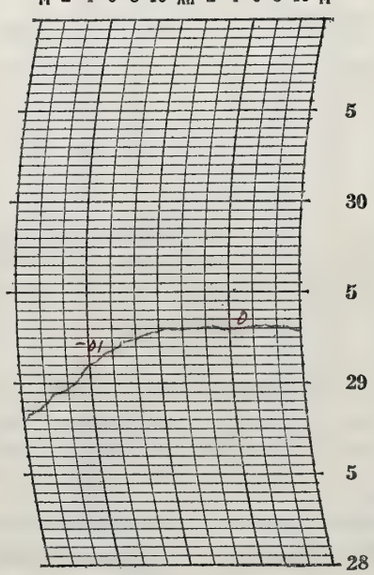


BAROGRAPH.



Prepared by

Verified by

NOTES

Cloudy most of the morning becoming clear in the later part of the afternoon. A west to north wind prevailed most of the day gradually decreasing from a strong breeze to a light air.

Warning received "possibly light frost tonight"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 17 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	43	44	43	43	44	47	50	52	54	56	58	61	62	64	65	65	63	62	60	60	48	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Pt Cloudy								Cloudy			
Sunrise: Time, 4.21 Character, Cloudy																					Sunset: Time, 6.53 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	E	NE	E	SE	SE	SE	S	SE	S	S	S	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	4	5	7	7	8	7	8	8	8	7	8	8	10	10	10	8	7	4	4	3	5	5

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

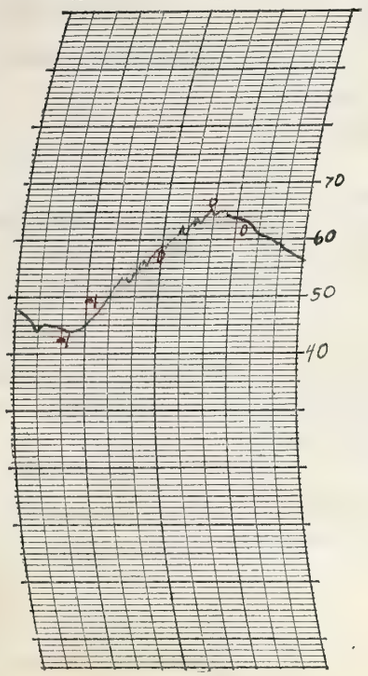
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.2 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 84
Prevailing wind direction, SW Total wind, 154
Average hourly velocity, 6.4 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 2.59 pm
Reduced barometer, 30.17 7 a. m. 29.97 7 p. m.
River gage, 9.3 fall
Relative humidity, 66 7 a. m. 64 7 p. m.

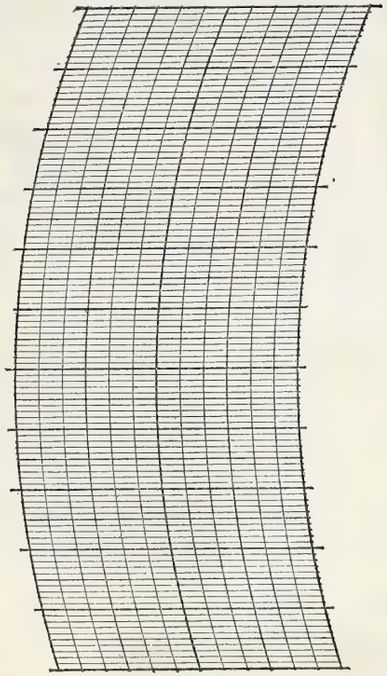
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.7 Wet temperature, 50.8
Dew-point, 45 R. humidity, 63 V. pressure, .298
Clouds: Amount, 6; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

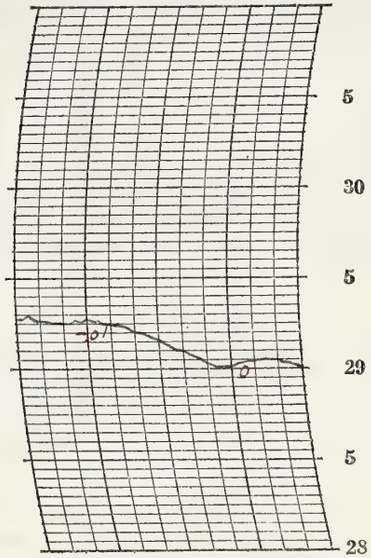
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.
Verified by E.H.

8—486

NOTES

A faint 22° solar halo was observed about noon. A partly cloudy, mild, pleasant day. A heavy frost occurred in the morning with considerable damage to strawberries and tomato plants, etc.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	55	55	55	54	56	59	62	64	62	61	59
State of weather: Nature of precipitation and time of beginning and ending			RB DN2 RE DN2							RD 9:14		
Amounts of precipitation			T							T	0.6	1.0
Cloudiness and other conditions					← Pt Cldy				×			
Sunrise: Time, 4:20 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0.7	1.0	0.7	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	4	2	4	7	5	5	6	4	5	3	2
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	56	55	55	55	55	52	49	48
State of weather: Nature of precipitation and time of beginning and ending												RE DNp
Amounts of precipitation	.11	.04	.06	.22	.17	.11	.03	.01	.01	T	.01	.01
Cloudiness and other conditions						Cloudy						→
Sunset: Time, 6:54 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	E	E	NE	NE	NE	NE	N	NW	NW	NW	N	N
Wind movement	4	4	3	2	2	4	3	3	5	13	12	10
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

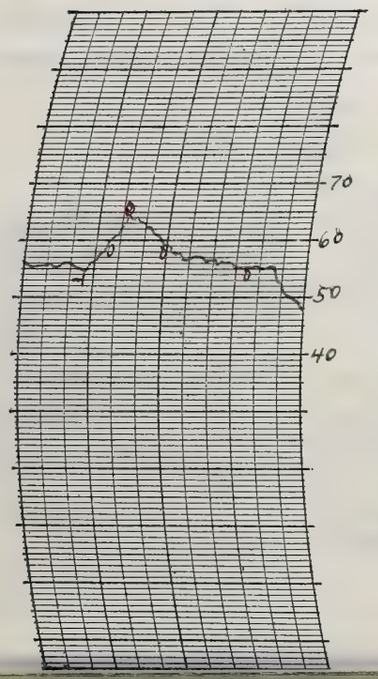
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	48	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .90 ins.
Total precipitation, midnight to midnight, .94 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 16
Prevailing wind direction, SW Total wind, 119
Average hourly velocity, 5.0 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 9:46 pm
Reduced barometer, 29.92 7 a. m. 29.86 7 p. m.
River gage, 7.3 feet
Relative humidity, 75 7 a. m. 99 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.9 Wet temperature, 57.1
Dew-point, 56 R. humidity, 90 V. pressure, .448
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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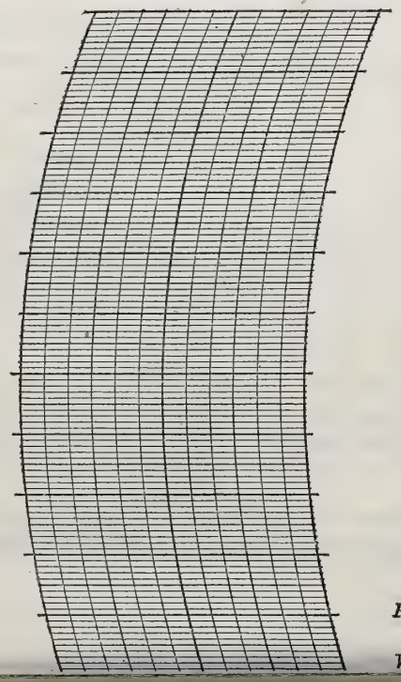
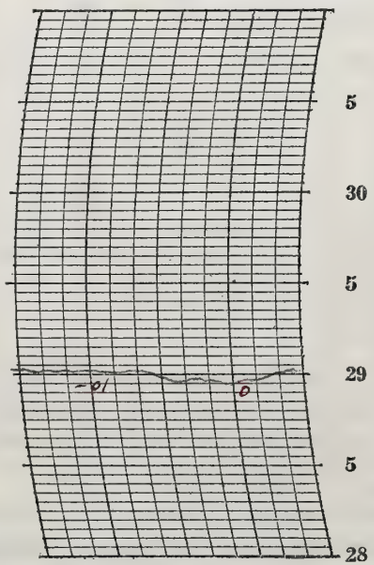


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H

NOTES

Cloudy and threatening with rain falling from 9:14 a.m. into the night. Streets very slippery and in dangerous condition from 9:30 a.m. till midnight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	43	43	43	42	43	44	45	46	49	51	53	54	54	53	52	51	49	47	45	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy					×	Pt Cldy	×				Clear				× Pt Cldy		→		
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8					
Wind direction	N	N	N	N	N	N	N	NE	N	N	N	N	NE	N	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	9	10	8	7	8	10	14	13	14	11	10	9	10	9	11	9	8	8	6	5	6	8	10	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:19 Character, Cloudy
Moonrise: ____ ____

Sunset: Time, 6:55 Character, Cloudy
Moonset: ____ ____

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

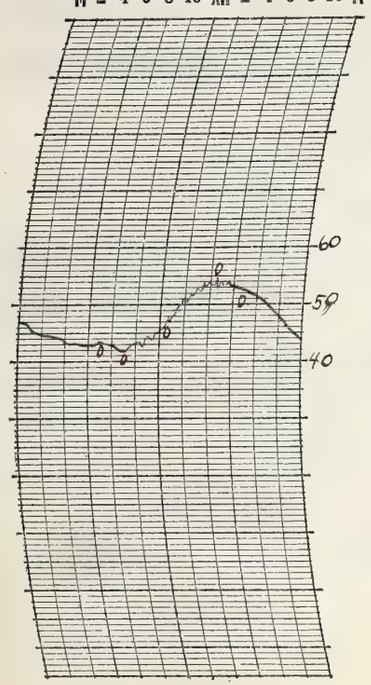
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 67
Prevailing wind direction, N Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 16
Maximum velocity, 15 Direction, N
Time began, 2:01 p.m.
Reduced barometer, 30.13 7 a. m. 30.20 7 p. m.
River gage, 18.0 fall
Relative humidity, 83 7 a. m. 63 7 p. m.

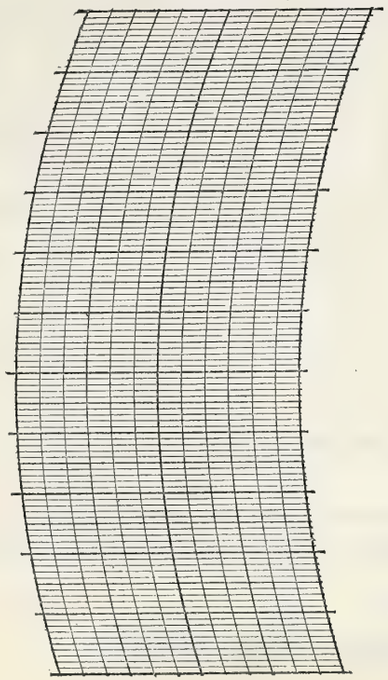
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.3 Wet temperature, 41.9
Dew-point, 36 R. humidity, 70 V. pressure, .211
Clouds: Amount, 3; Kind, Cu; Direction, E
Velocity of clouds (miles per hour) ____

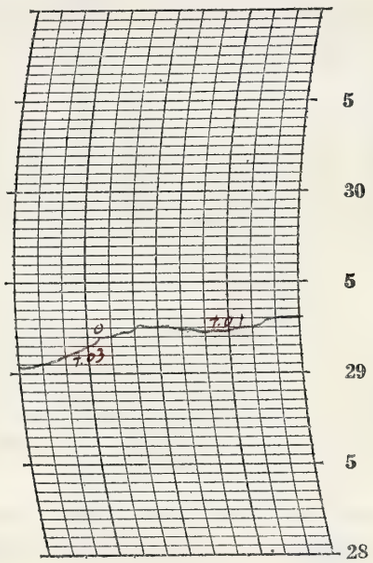
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OJ
Verified by E.L.H.

8—486

NOTES

Today is Pentecost (White Sunday)
Warning received "heavy frost probable Monday."

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) East Foxboro, Mass., (Day of week) Monday, (Date) MAY 20 1929, 192

Time (local standard) 75 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	38	37	36	39	43	46	49	50	52	54
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear						x
Sunshine (in tenths of hours)					0.70 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	5	6	6	7	9	10	12	14	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	57	57	57	56	55	54	53	52	51	50	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt.		Cldy									→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N
Wind movement	13	16	15	12	11	10	8	7	5	6	8	5

Sunrise: Time, 4:18 Character, Clear
Moonrise:
Sunset: Time, 6:56 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 — 5 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

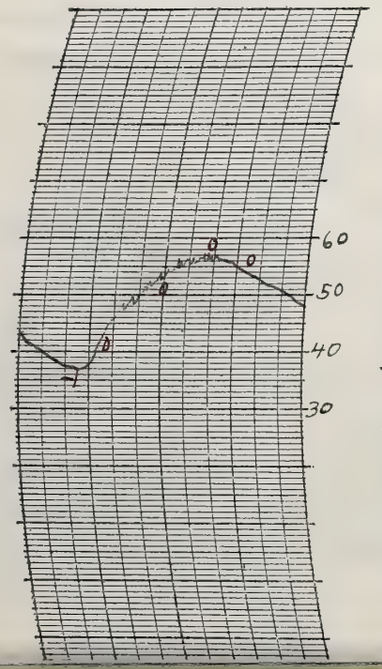
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	36	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 86
Prevailing wind direction, NE Total wind, 227
Average hourly velocity, 9.5 Extreme velocity, 18
Maximum velocity, 17 Direction, NE
Time began, 1:48 p.m.
Reduced barometer, 30.25 7 a. m. 30.13 7 p. m.
River gage, 10.1 feet
Relative humidity, 74 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.8 Wet temperature, 47.8
Dew-point, 42 R. humidity, 65 V. pressure, .266
Clouds: Amount, 2; Kind, Cu. St.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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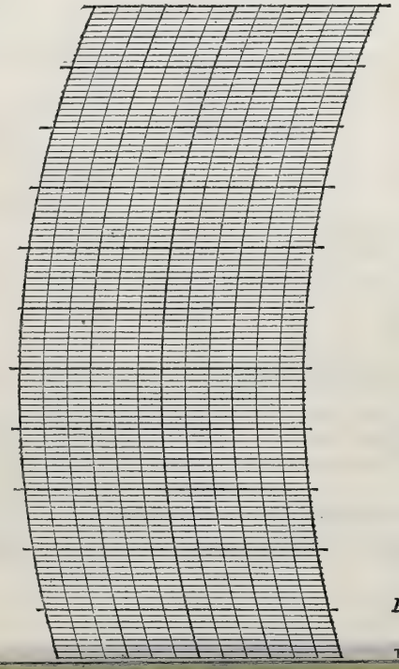
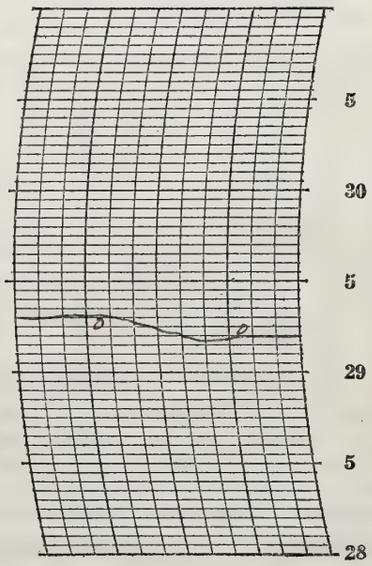


BAROGRAPH.



Prepared by CW

Verified by E.L.H

NOTES

A light frost occurred, that is, the deposit was light. However in the low lands a thin coating of ice formed on still water. Damage was not great and confined to newly set out house plants and strawberries.

Warning received "probably light frost tonight."

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	42	41	42	48	51	54	56	57	60	61	62	63	64	63	62	60	59	55	53	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear								→			
Sunshine (in tenths of hours)					0.7 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0					
Wind direction	N	N	N	N	NW	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW
Wind movement	8	7	6	7	7	7	7	8	9	9	9	8	9	8	10	8	8	7	4	3	6	5	3	4
Maximum velocities (exceeding 2" miles) direction and time																								

Sunrise: Time, 4:18 Character, Clear
Moonrise:

Sunset: Time, 6:57 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

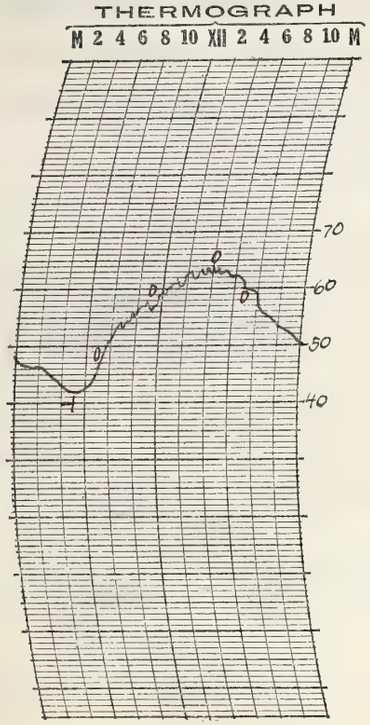
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	41	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 99
Prevailing wind direction, N Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 2:47 p.m.
Reduced barometer, 30.20 7 a. m. 30.27 7 p. m.
River gage, 8.8 fall
Relative humidity, 60 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.8 Wet temperature, 49.1
Dew-point, 38 R. humidity, 45 V. pressure, .228
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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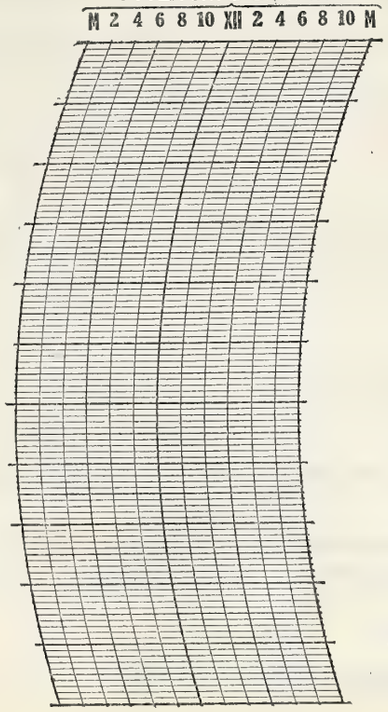
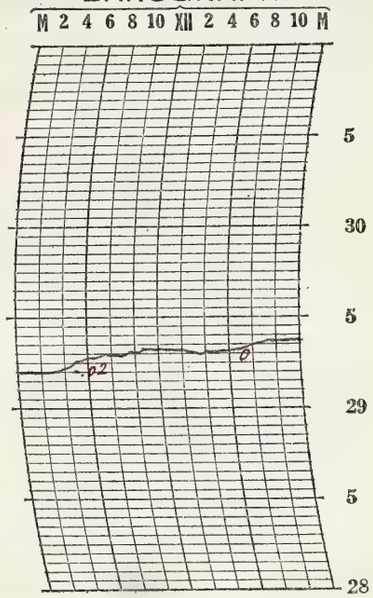


BAROGRAPH.



Prepared by GH

Verified by EH.

8—486

NOTES

A clear day with a light to gentle northerly wind prevailing. The disk of the sun was obscured shortly before sunset by some high clouds. Warning received "light frost probable tonight."

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Wednesday, (Date) MAY 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	47	46	45	45	46	48	52	57	62	64	65	66	68	68	68	67	66	65	63	60	59	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→	Partly		
Sunrise: Time, 4:17 Character, Clear																					Sunset: Time, 6:58 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.72 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.2					
Wind direction	NW	NW	NW	NW	NW	NW	NE	NE	NE	NE	E	S	SW	S	SW	SW	S	S	S	S	S	S	S	S
Wind movement	3	3	3	1	1	3	4	3	3	4	3	6	6	6	7	8	7	8	6	6	8	6	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	45	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 98

Prevailing wind direction, S Total wind, 118

Average hourly velocity, 4.9 Extreme velocity, 10

Maximum velocity, 10 Direction, S

Time began, 3:19 pm

Reduced barometer, 30.33 7 a. m. 30.20 7 p. m.

River gage, 6.7 feet

Relative humidity, 67 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

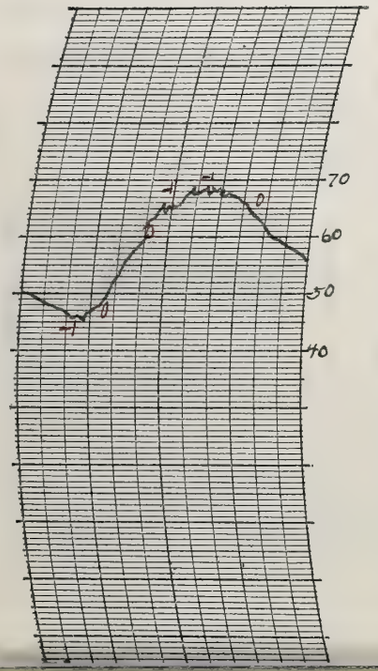
Dry temperature, 65.1 Wet temperature, 53.1

Dew-point, 43 R. humidity, 44 V. pressure, .277

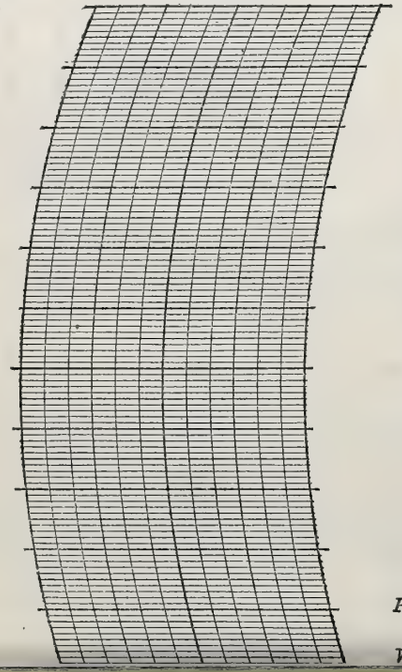
Clouds: Amount, Few; Kind, cu.; Direction, SW.

Velocity of clouds (miles per hour)

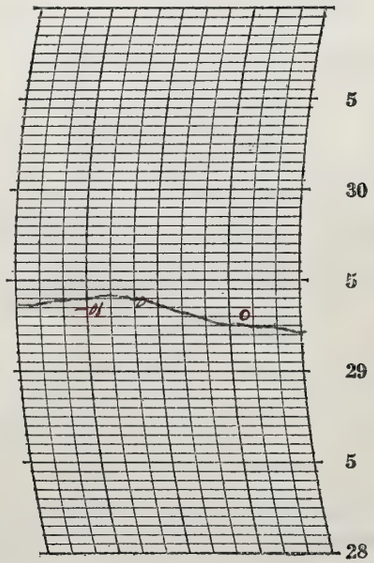
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

A clear day with a few clouds. Shortly before sunset the sun sank behind a bank of clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 23 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	54	53	55	57	61	65	67	69	70
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy →				Cldy			
Sunshine (in tenths of hours)					0	0.3	0.2	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	8	9	10	9	10	12	12	14	14	17	19	18

Sunrise: Time, 4:16 Character, Cloudy
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	73	72	70	69	68	66	64	63	61	59
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10 RE 5:30		RB 7:30				
Amounts of precipitation						T		T	T	T	.04	.05
Cloudiness and other conditions	← Pt Cldy →							Cloudy				→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW
Wind movement	17	18	15	14	16	11	10	11	7	7	7	8

Sunset: Time, 6:59 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

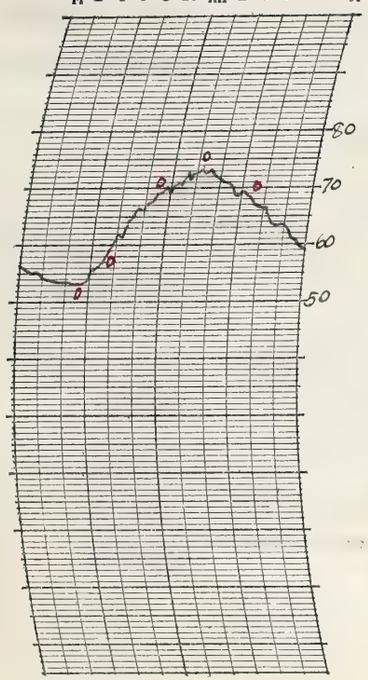
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.2 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind, 293
Average hourly velocity, 12.2 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 12:37 p.m.
Reduced barometer, 30.06 7a. m. 29.91 7p. m.
River gage, 5.7 fall
Relative humidity, 61 7a. m. 55 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.1 Wet temperature, 58.0
Dew-point, 49 R. humidity, 48 V. pressure, .347
Clouds: Amount, 6; Kind, 2 cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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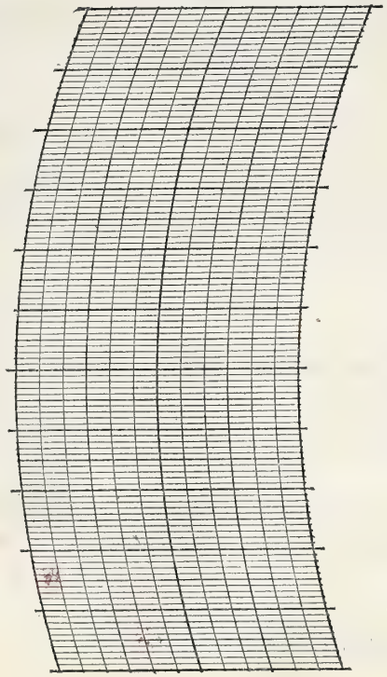
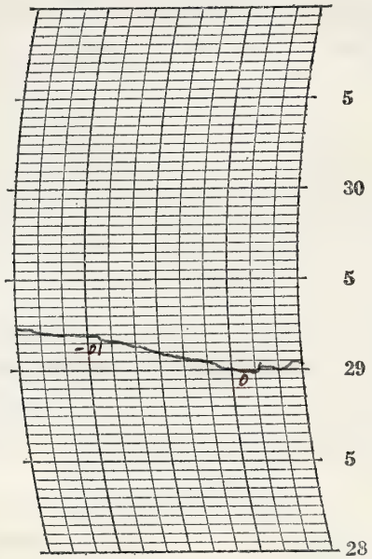


BAROGRAPH.



Prepared by

Verified by

8—436

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	57	58	58	59	60	60	62	63	64
Nature of precipitation and time of beginning and ending		RE DN2										
Amounts of precipitation	02	T										
Cloudiness and other conditions	Cloudy X										Pt Cloudy X	
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	NW	NW	N	N	N
Wind movement	11	11	10	6	4	5	6	7	9	8	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	66	66	66	66	64	60	58	56	54	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cloudy X						Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4					
Wind direction	NW	NW	NW	N	NW	NW	N	N	N	N	N	N
Wind movement	9	9	8	7	8	6	5	5	5	4	3	5

State of weather.

Sunrise: Time, 4:15 Character, Cloudy

Moonrise:

Sunset: Time, 7:00 Character, Clear

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 12.0 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 81

Prevailing wind direction, N Total wind, 167

Average hourly velocity, 7.0 Extreme velocity, 18

Maximum velocity, 17 Direction, SW

Time began, 12:48 a.m.

Reduced barometer, 29.99 7 a. m. 30.06 7 p. m.

River gage, 5.0 feet

Relative humidity, 92 7 a. m. 52 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

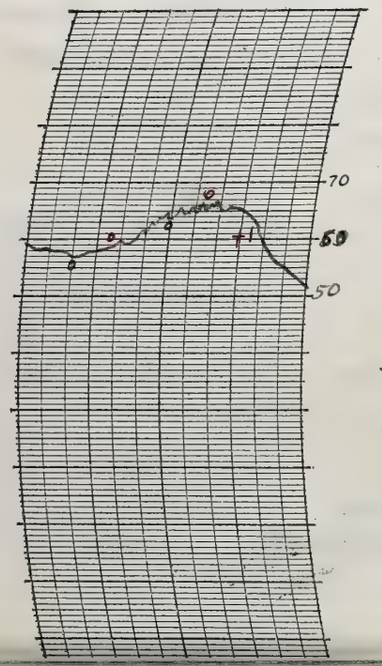
Dry temperature, 64.2 Wet temperature, 54.4

Dew-point, 42 R. humidity, 53 V. pressure, .322

Clouds: Amount, 3; Kind, Cist; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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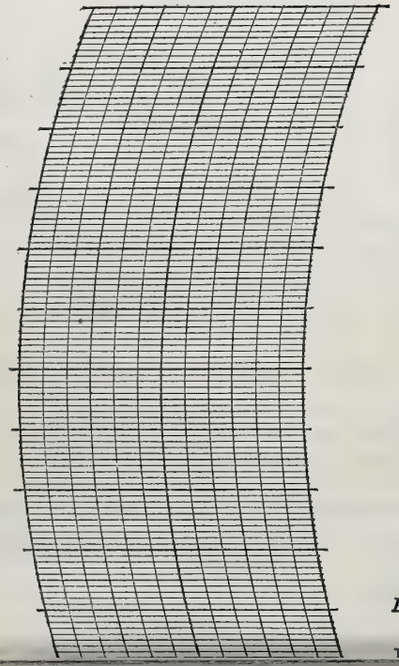
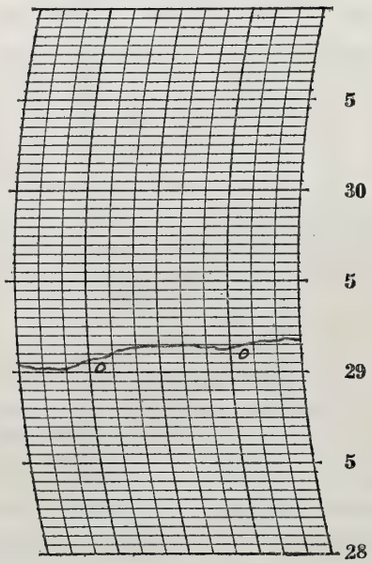


BAROGRAPH.



Prepared by

Verified by

NOTES

Rain fell in the early morning and was followed by a cloudy sky which cleared up during the day. A pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 25 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	49	49	48	49	53	56	61	63	65	68	70	71	72	71	71	71	70	62	59	57	56	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Clear				×	Pt Cldy			×	Cloudy			→			
Sunshine (in tenths of hours)					0.75 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0				
Wind direction	N	N	NE	NE	NE	NE	NE	NE	E	E	E	E	E	SE	SE	SE	E	E	E	NE	E	E	E	E
Wind movement	6	6	5	4	5	6	7	8	9	8	7	7	6	6	5	5	6	5	7	12	12	10	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:15 Character, Clear
Moonrise:
Sunset: Time, 7:01 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

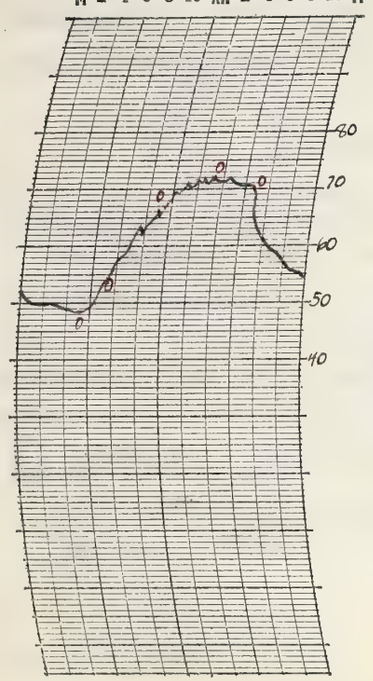
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	48	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.2 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 89
Prevailing wind direction, E Total wind, 169
Average hourly velocity, 7.0 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 6:45 p.m.
Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.
River gage, 4.3 fall
Relative humidity, 78 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.9 Wet temperature, 58.2
Dew-point, 52 R. humidity, 56 V. pressure, .387
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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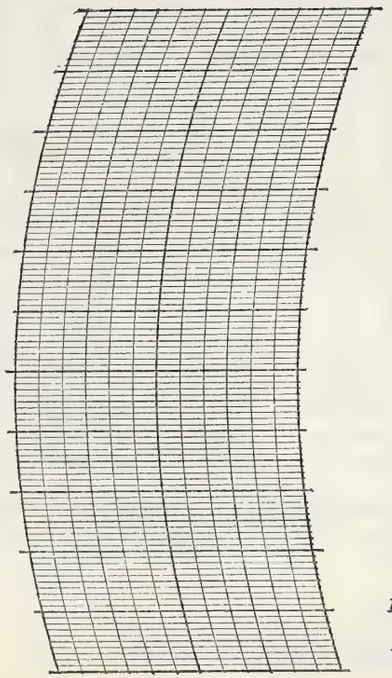
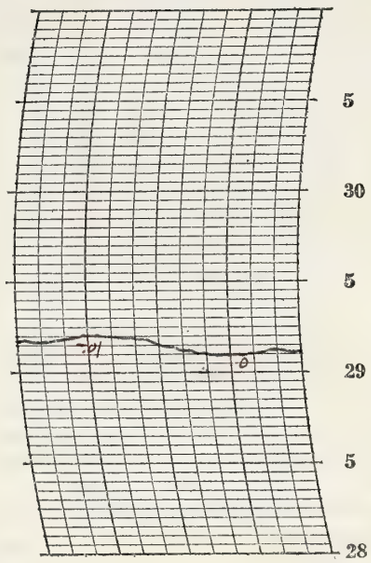


BAROGRAPH.



Prepared by EJS
Verified by EJH

8—486

NOTES

Mostly clear, warm, beautiful day. "Official strawhat day" and many on the street.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 27 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	52	51	53	56	60	66	72	75	78	79	78	76	71	70	70	70	69	69	69	68	67
State of weather: Nature of precipitation and time of beginning and ending														RB 1:25 RE 1:30		RB 3:10	RE 4.35							
Amounts of precipitation														.04		.04	.01							
Cloudiness and other conditions					←	Cldy		×Pt	Cldy		→	×	Cldy								→			
Sunshine (in tenths of hours)					0	0	0.5	0.9	1.0	1.0	1.0	0.9	1.0	1.0	0.8	0	0.7	0	0.1 0	0				
Wind direction	NE	E	E	E	E	E	E	E	E	SE	SE	SE	S	S	SE	S	S	SE	SE	E	SE	SE	SE	SE
Wind movement	8	7	6	7	6	6	5	5	4	8	9	9	10	8	8	8	3	1	4	3	4	6	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:14 Character, Cloudy
Moonrise:
Sunset: Time, 7:02 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

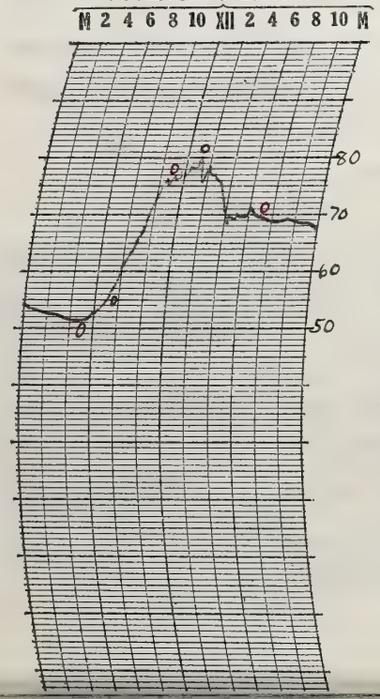
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	51	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.9 ins.
Total precipitation, midnight to midnight, 0.9 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.1 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 61
Prevailing wind direction, SE Total wind, 146
Average hourly velocity, 6.1 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 11:11 a.m.
Reduced barometer, 30.08 7 a. m. 30.06 7 p. m.
River gage, 3.7 feet
Relative humidity, 85 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.5 Wet temperature, 66.5
Dew-point, 60 R. humidity, 56 V. pressure, .517
Clouds: Amount, 8; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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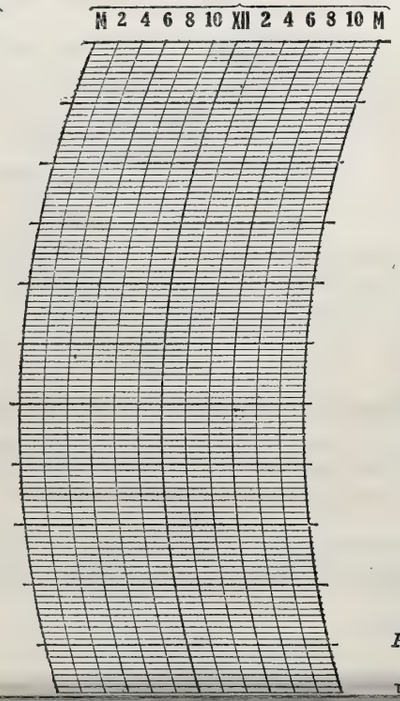
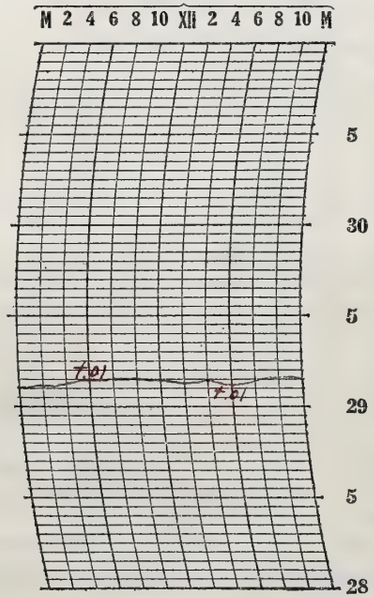


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

Today is Trinity Sunday
Thunder was first heard at 3:10 p.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 27 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	64	62	65	70	75	75	76	79	82
Nature of precipitation and time of beginning and ending										RB 9.47 RE 4.53		
Amounts of precipitation										T		
Cloudiness and other conditions					← Pt Cldy						Pt Cldy	
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	E	E	E	S	S	S	S	S
Wind movement	4	5	2	4	5	3	3	5	8	10	8	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	81	69	68	69	70	69	69	68	67	67	67
Nature of precipitation and time of beginning and ending			RB 2.48		RE 4.45							RB DNP
Amounts of precipitation			.01	.04	.01							T
Cloudiness and other conditions	Pt Cldy				Cloudy →							
Sunshine (in tenths of hours)	1.0	1.0	0.3	0	0	0	0	0				
Wind direction	S	S	SW	SW	S	S	S	S	SE	SE	SE	S
Wind movement	11	12	18	11	7	6	6	4	4	6	6	5

State of weather.

Sunrise: Time, 4:13 Character, Cloudy
Moonrise:

Sunset: Time, 7:03 Character, Cloudy
Moonset:

Maximum velocities (exceeding 28 miles) direction and time: 31 SW 2:24

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

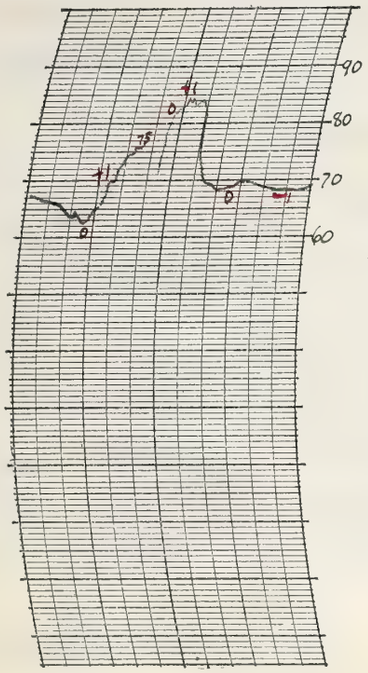
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.6 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 58
Prevailing wind direction, S Total wind, 161
Average hourly velocity, 6.7 Extreme velocity, 32
Maximum velocity, 31 Direction, SW
Time began, 2:24 p.m.
Reduced barometer, 30.12 7 a. m. 30.12 7 p. m.
River gage, 3.1 feet
Relative humidity, 83 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 81.8 Wet temperature, 71.2
Dew-point, 67 R. humidity, 60 V. pressure, .661
Clouds: Amount, 2; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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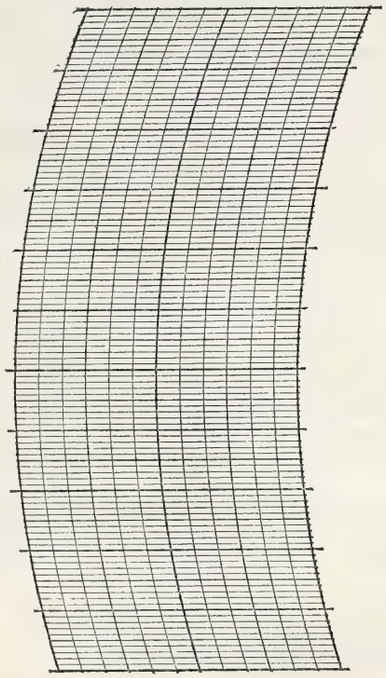
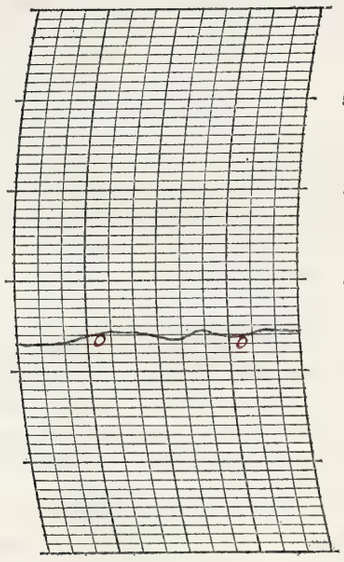


BAROGRAPH.



Prepared by CJS

Verified by EZH

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) MAY 28 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	68	68	67	68	68	68	67	67	68	69	76	77	78	77	75	73	72	71	69	69	69	68
State of weather: Nature of precipitation and time of beginning and ending	R Cont											RE 11:20												
Amounts of precipitation	.02	T	T	T	.01	T	.10	.18	.33	.28	.04	T												
Cloudiness and other conditions	← Cloudy																				→ Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.2	1.0	1.0	1.0	1.0	0.1	0	0	0				
Wind direction	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	7	6	6	7	9	7	9	4	6	4	7	8	10	10	9	6	5	5	7	7	7	6

Sunrise: Time, 4:13 Character, Cloudy
Moonrise:
Sunset: Time, 7:03 Character, Cloudy
Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

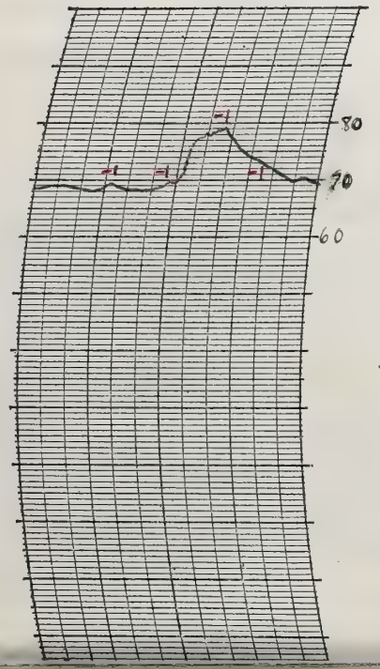
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	67	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .89 ins.
Total precipitation, midnight to midnight, 2.96 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 4.3 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 29
Prevailing wind direction, SW Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 3:34 p.m
Reduced barometer, 30.20 7 a. m. 30.13 7 p. m.
River gage, 3.0 feet
Relative humidity, 100 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.3 Wet temperature, 68.3
Dew-point, 68 R. humidity, 95 V. pressure, .684
Clouds: Amount, 10; Kind, Stu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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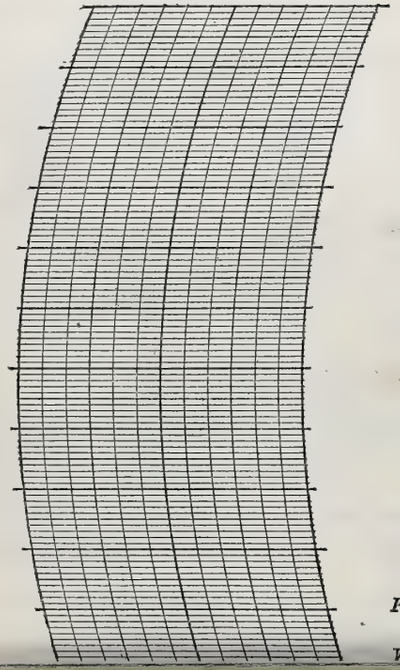
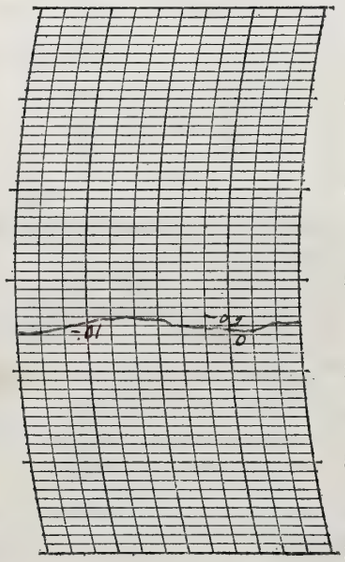


BAROGRAPH.



Prepared by CJS

Verified by E.L.H

NOTES

Thunder was first heard at 9:25 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 29 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	66	66	66	69	74	79	81	82	82	86	87	88	89	88	86	84	82	80	78	77	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Pt Cloudy						X					Clear		→			
Sunshine (in tenths of hours)					0.80 0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.07 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	S	S	S	S	SW	SW
Wind movement	4	5	4	5	4	4	6	6	7	8	8	6	5	6	6	6	5	6	5	5	4	3	5	5

Sunrise: Time, 4:12 Character, Clear

Moonrise:

Sunset: Time, 7:04 Character, Clear

Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 99

Prevailing wind direction, SW Total wind, 128

Average hourly velocity, 5.3 Extreme velocity, 9

Maximum velocity, 9 Direction, W

Time began, 10:11 a. m.

Reduced barometer, 30.22 7 a. m. 30.08 7 p. m.

River gage, 9.4 feet

Relative humidity, 90 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

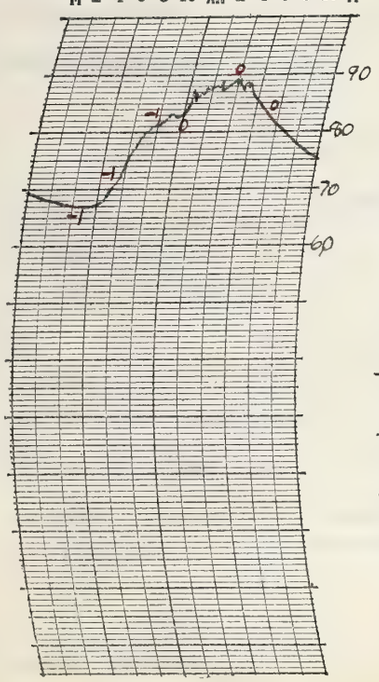
Dry temperature, 82.3 Wet temperature, 72.2

Dew-point, 68 R. humidity, 62 V. pressure, .684

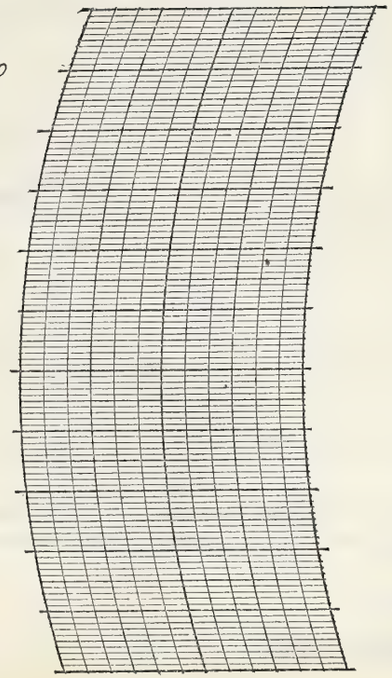
Clouds: Amount, 4; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

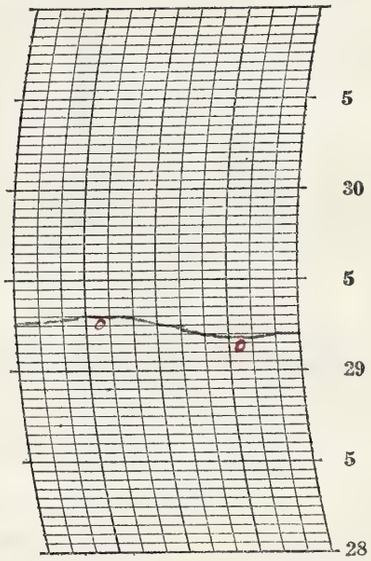
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 30 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	70	72	75	78	82	83	84	85	87	88	78	77	82	81	80	78	76	74	72	70
State of weather: Nature of precipitation and time of beginning and ending																RB 3.30 RE 3.50								RB Bup RE Bup
Amounts of precipitation																T								T
Cloudiness and other conditions					←						Pt Cldy					Clear	Pt Cldy		Cloudy				→	
Sunshine (in tenths of hours)					0.80 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.9	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	SW	W	W	W	W	W	SW	W	NW	NW	NW	N
Wind movement	5	4	6	5	5	5	5	7	6	6	7	6	7	8	10	5	7	6	4	6	6	4	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:12 Character, Clear
Moonrise:
Sunset: Time, 6:04 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

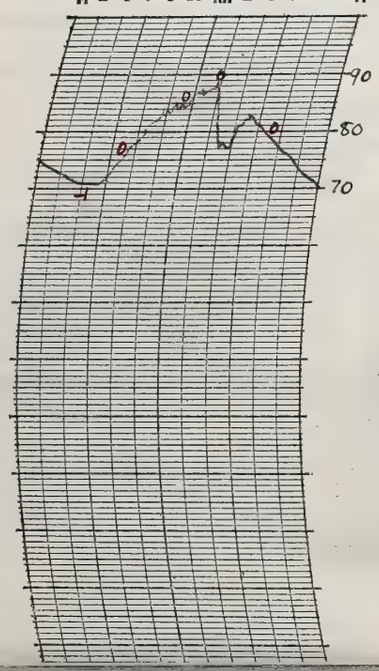
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 84
Prevailing wind direction, W Total wind, 140
Average hourly velocity, 5.8 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 2:17 p.m.
Reduced barometer, 30.09 7 a. m. 30.02 7 p. m.
River gage, 6.9 feet
Relative humidity, 78 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.2 Wet temperature, 74.2
Dew-point, 69 R. humidity, 60 V. pressure, 707
Clouds: Amount, 3 2 ; Kind, Cu cl ; Direction, SW SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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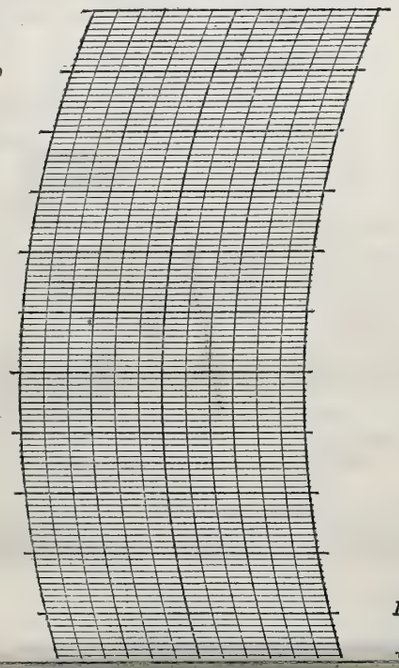
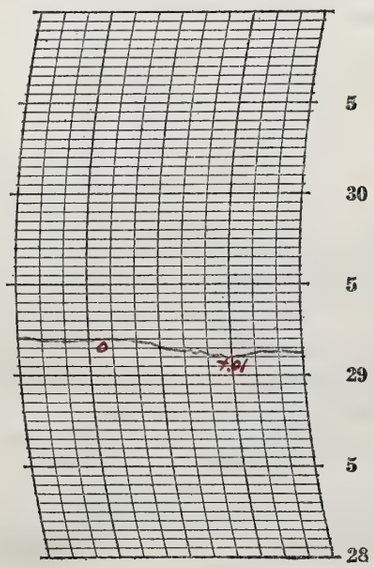


BAROGRAPH.



Prepared by

NOTES

Today is Memorial Day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 31 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	68	67	68	68	69	71	73	78	80	80	81	82	81	81	80	79	77	75	73	71	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cldy					×						Pt Cldy		→			
Sunrise: Time, 4:11 Character, Cloudy																					Sunset: Time, 7:06 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0				
Wind direction	N	N	N	N	N	N	N	W	SW	NW	NW	SW	SW	W	W	W	W	W	N	W	W	W	W	W
Wind movement	4	3	2	2	2	2	3	2	3	2	3	5	7	7	8	10	9	7	6	3	3	3	3	1
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

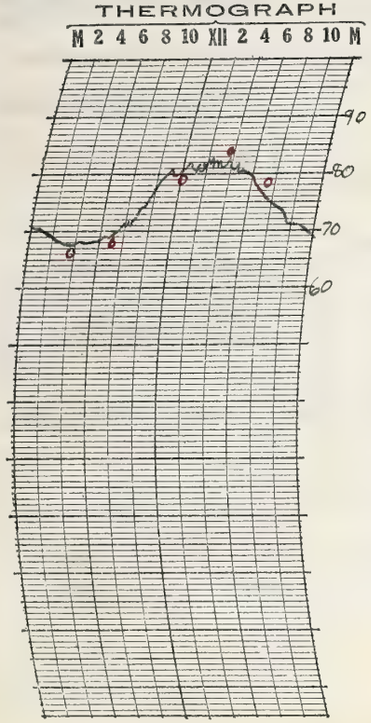
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	67	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 66
Prevailing wind direction, W Total wind, 100
Average hourly velocity, 4.2 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 4:02 pm
Reduced barometer, 30.09 7 a. m., 29.98 7 p. m.
River gage, 4.2 feet
Relative humidity, 72 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.9 Wet temperature, 65.0
Dew-point, 56 R. humidity, 44 V. pressure, .448
Clouds: Amount, 7; Kind, st cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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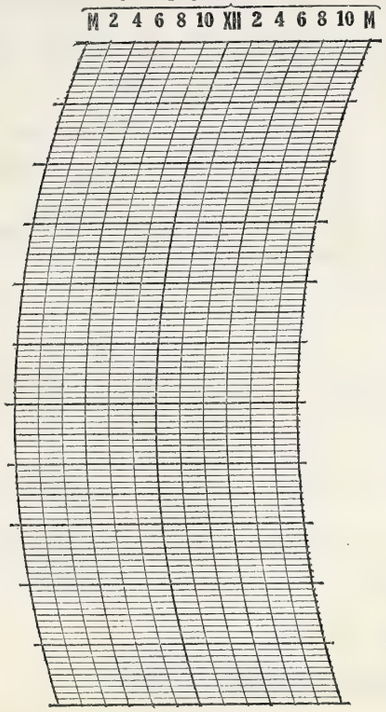
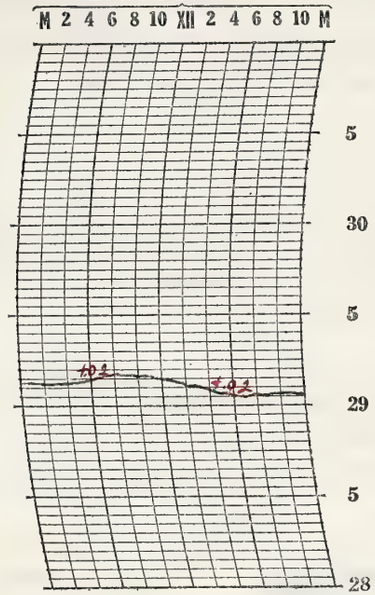


BAROGRAPH.



Prepared by [signature]

Verified by E. L. H.

8—486

NOTES

Cloudy and threatening in the morning followed by partly cloudy skies in the afternoon and evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	61	60	55	59	62	63	65	66	67	68	68	67	65	64	62	61	60	58	56	54	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear			X	Pt Cldy	X						Cldy					→
Sunshine (in tenths of hours)					062 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0				
Wind direction	W	N	N	N	N	N	N	NE	N	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	5	6	6	8	7	7	6	8	8	9	7	9	9	11	13	12	10	12	12	14	12	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:11 Character, Clear
Moonrise:
Sunset: Time, 7:07 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.3 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 83
Prevailing wind direction, NE Total wind, 212
Average hourly velocity, 8.8 Extreme velocity, 19
Maximum velocity, 17 Direction, NE
Time began, 9:15 p. m.
Reduced barometer, 30.03 7 a. m. 30.02 7 p. m.
River gage, 3.8 feet
Relative humidity, 74 % 7 a. m. 71 7 p. m.

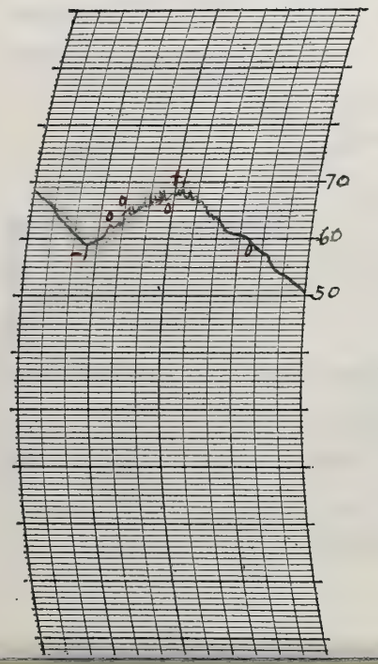
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.1 Wet temperature, 60.1
Dew-point, 55 R. humidity, 63 V. pressure, .432
Clouds: Amount, 7 3; Kind, Cu Cu & Cu; Direction, NW NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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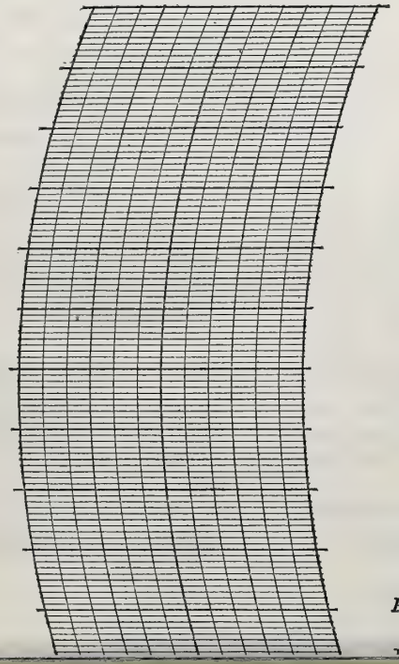
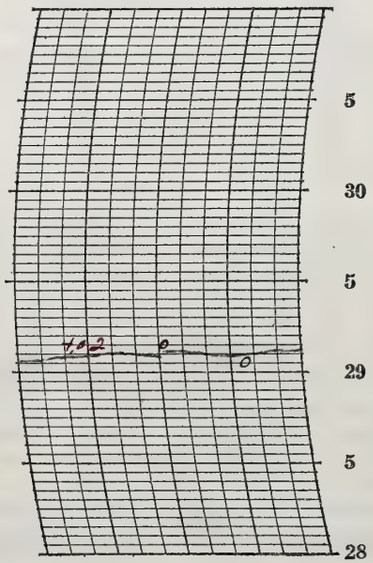


BAROGRAPH.



Prepared by C.L.
D.L.H

NOTES

A partly cloudy day clear in the morning and becoming cloudy in the afternoon and continuing cloudy into the evening. A light to gentle north to northeast wind prevailed.

Clear beautiful morning but becoming cloudy in the afternoon and threatening at times. A cool day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	43	42	42	44	46	48	50	52	53	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Cloudy				
Sunrise: Time, 4:10 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	13	13	12	11	10	11	13	15	13	15	15	15
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	56	57	57	56	55	53	51	49	47	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pt Cldy			→		
Sunset: Time, 7:07 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	15	14	16	14	13	13	11	10	11	11	10	9

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 12.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 80
Prevailing wind direction, NE Total wind, 303
Average hourly velocity, 12.6 Extreme velocity, 20
Maximum velocity, 19 Direction, N
Time began, 2:24 p. m.
Reduced barometer, 30.06 7 a. m. 30.04 7 p. m.
River gage, 3.1 feet
Relative humidity, 72 7 a. m. 49 7 p. m.

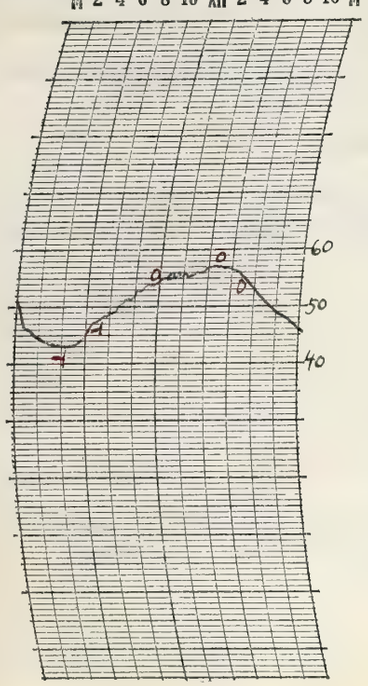
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

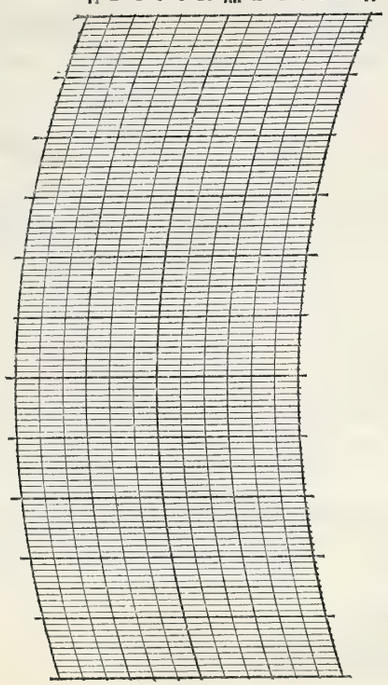
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.6 Wet temperature, 47.2
Dew-point, 40 R. humidity, 58 V. pressure, .247
Clouds: Amount, 10; Kind, cirst; Direction, NW
Velocity of clouds (miles per hour)

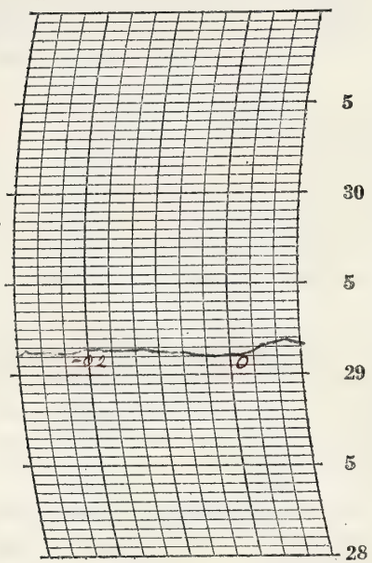
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH

Verified by E.L.H.

8—486

NOTES

A cloudy day with the sky mostly overcast with high clouds becoming partly cloudy in the afternoon and evening. The sun shone through the clouds the greater part of the time. A gentle to moderate northeast wind prevailed all day.

A 22° solar halo was first noticed about 10:00 a.m. and continued until after noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 3 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	39	38	39	43	46	50	52	53	55	56	59	60	61	62	62	62	62	61	58	57	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy ×								Clear											→
Sunshine (in tenths of hours)					0.63 02	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.13 0				
Wind direction	NE	NE	NE	N	N	N	NE	NE	NE	N	NE	NE	N	N	N	NE	NE	NE	NE	NE	N	N	N	N
Wind movement	10	10	8	6	7	8	10	12	11	14	11	13	11	10	9	9	7	6	4	2	2	2	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:10 Character, Clear
Moonrise:
Sunset: Time, 7:08 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

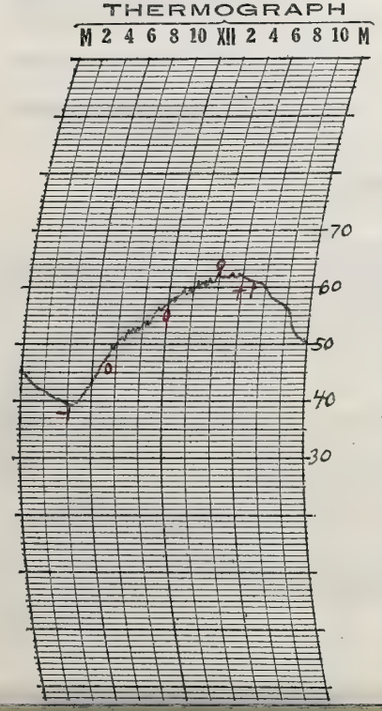
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	38	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 192
Average hourly velocity, 8.0 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 9:18 2 m.
Reduced barometer, 30.16 7 a. m. 30.14 7 p. m.
River gage, 2.9 feet
Relative humidity, 65 7 a. m. 54 7 p. m.

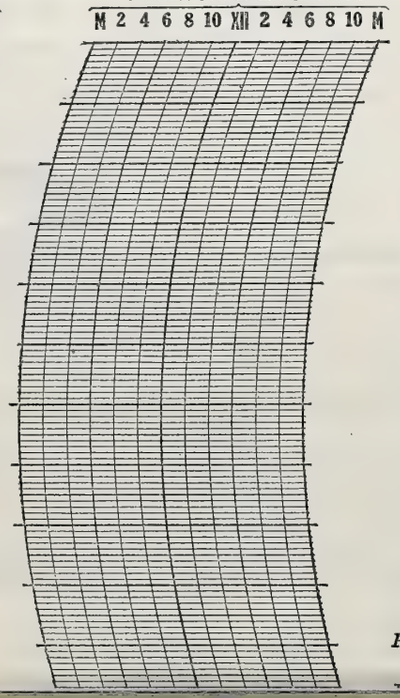
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.2 Wet temperature, 47.8
Dew-point, 39 R. humidity, 53 V. pressure, .237
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

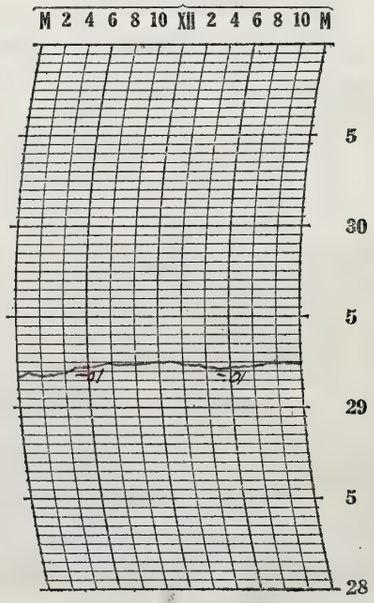
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

NOTES

Pt Cloudy in the early morning becoming clear for the rest of the day and into the night. A light to gentle north to northeast wind prevailed during the day. The minimum temperature of 38.3 was the lowest ever recorded in June since the local Weather Bureau office opened.

Warning received "possibly light frost tonight"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 4 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	47	46	45	48	54	60	62	64	65	66	69	68	68	68	67	66	64	63	62	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																								RB Bnp RE Bnp
Amounts of precipitation																								T
Cloudiness and other conditions					← Clear			→ Pt Cldy			→ Cldy		→ Pt Cldy		→			→ Cloudy						→
Sunrise: Time, 4:10 Character, Clear																					Sunset: Time, 7:09 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	10	10	10	10	10	10	10	10	10	10	10	0.6	0	0	0				
Wind direction	N	N	N	N	N	W	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	3	2	2	2	3	3	5	9	9	9	9	10	10	10	10	9	7	7	7	6	6	5	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	45	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 12.4 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 83

Prevailing wind direction, SW Total wind, 154

Average hourly velocity, 6.4 Extreme velocity, 14

Maximum velocity, 13 Direction, SW

Time began, 1:35 p.m.

Reduced barometer, 30.15 7 a. m. 30.06 7 p. m.

River gage, 2.5 feet

Relative humidity, 58 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

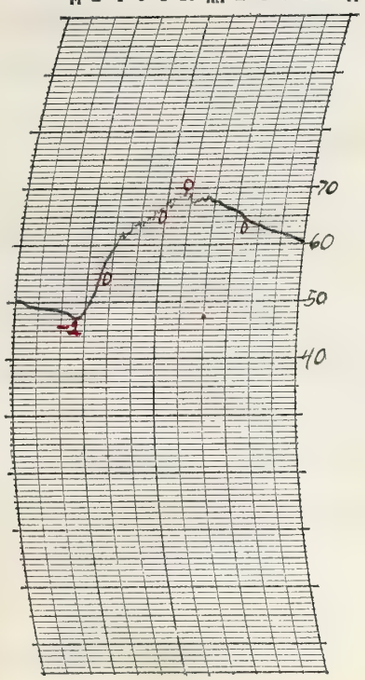
Dry temperature, 66.4 Wet temperature, 55.2

Dew-point, 46 R. humidity, 49 V. pressure, .310

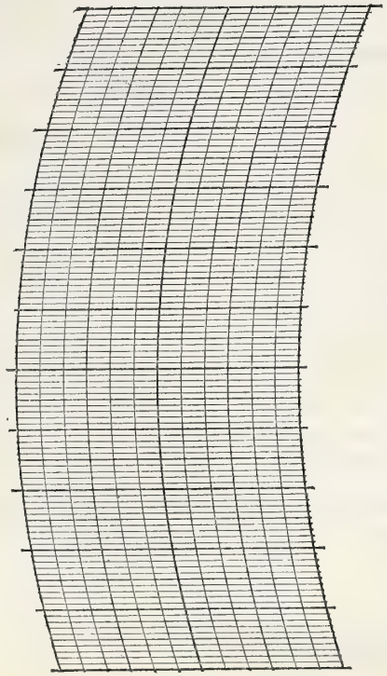
Clouds: Amount, Cu; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

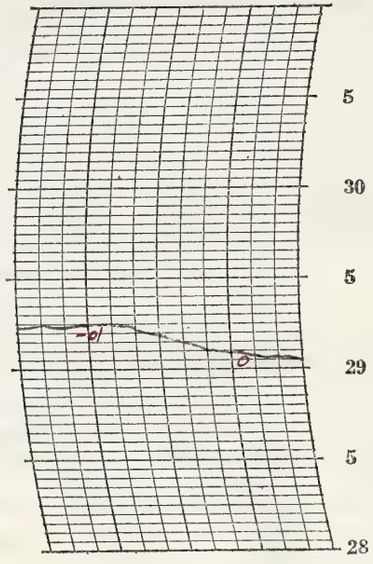
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Fairly bright 22° solar halo. The colors were quite distinct through dark glasses. Observed near noon. Sky overcast most of the day but the sun shone through high clouds much of the time

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUNE 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	56	55	54	56	59	63	65	66	67	68	67	70	69	69	68	67	65	60	57	54	52	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						×	Pt	Cloudy				×		Clear			→		
Sunshine (in tenths of hours)					0.85 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.9	1.0	1.0	1.0	1.0	0.5 0.5	0.15 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	9	8	5	5	5	4	5	5	10	10	13	12	11	9	10	10	9	9	8	8	6	6	4	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:09 Character, Clear
Moonrise:
Sunset: Time, 7:09 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

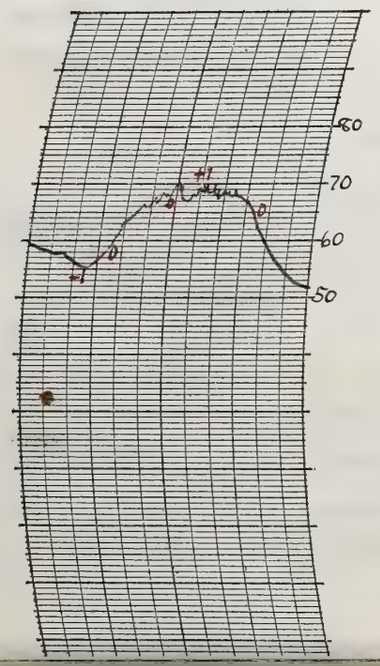
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 14.4 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 96
Prevailing wind direction, NW Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 10:19 a.m.
Reduced barometer, 29.93 7 a. m. 30.00 7 p. m.
River gage, 2.3 feet
Relative humidity, 76 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.3 Wet temperature, 57.8
Dew-point, 50 R. humidity, 53 V. pressure, .360
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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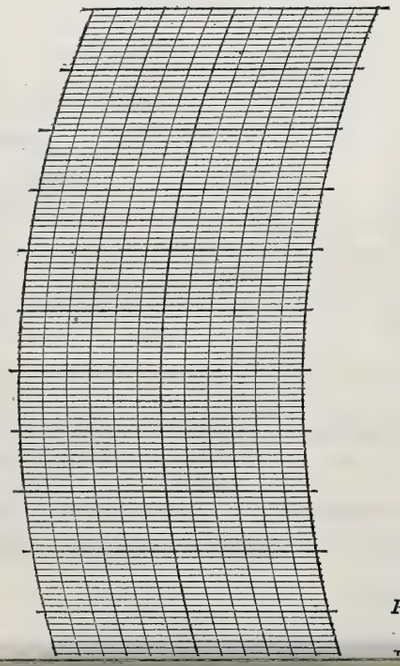
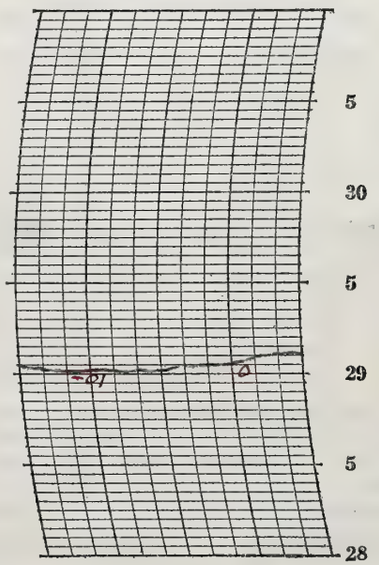


BAROGRAPH.



Prepared by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 6 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	49	49	50	52	55	62	67	70	73	75	76	77	77	77	77	75	74	71	68	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy					×		Clear	× Pt Cldy		× Cldy		×	Pt Cldy			→			
Sunshine (in tenths of hours)					0.85 0	0.7 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	N	N	NW	NW	NW	SW	S	S	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	1	1	2	2	2	3	5	6	8	10	11	10	12	12	11	11	9	9	8	6	6	6	7	5
Maximum velocities (exceeding 2.4 miles) direction and time																								

Sunrise: Time, 4:09 Character, Clear
Moonrise:
Sunset: Time, 7:10 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

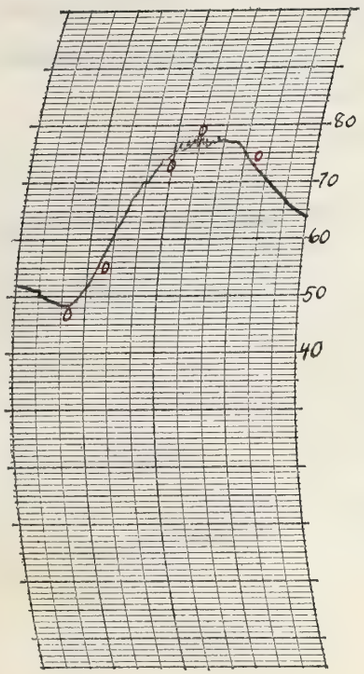
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	48	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 14.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 93
Prevailing wind direction, SW Total wind, 163
Average hourly velocity, 6.8 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 2:11 p. m.
Reduced barometer, 30.03 7 a. m. 29.96 7 p. m.
River gage, 2.1 feet
Relative humidity, 60 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.4 Wet temperature, 61.2
Dew-point, 52 R. humidity, 44 V. pressure, .387
Clouds: Amount, 1; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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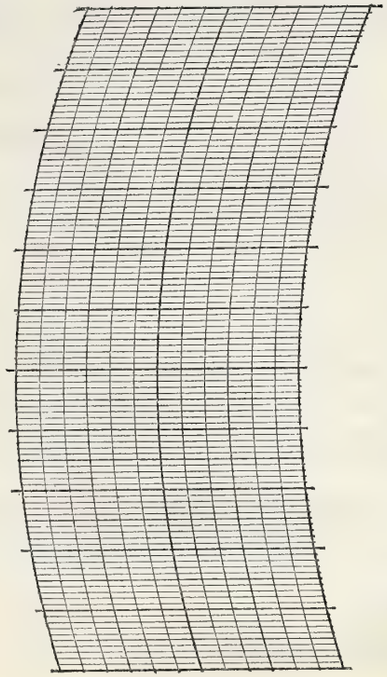
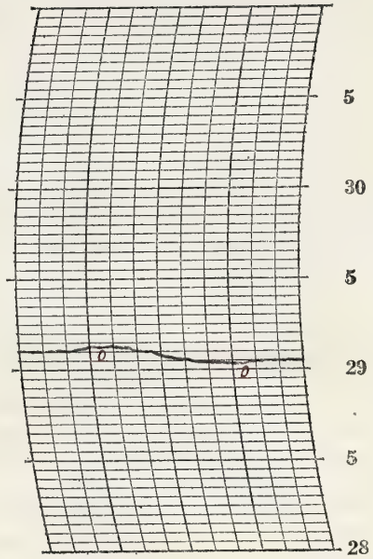


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	61	61	63	65	64	62 RB 8.49	60	60	60	59	58	57	57	56 RE 4.40	56	55	54	53	52	52	52
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation									.08	.14	.07	.03	.05	.07	.06	.01	.01							
Cloudiness and other conditions					←							Cloudy											→	
Sunrise: Time, 4:09 Character, Cloudy																					Sunset: Time, 7:10 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	E	NE
Wind movement	6	6	5	4	3	2	2	2	2	4	7	5	9	8	9	10	9	9	9	9	6	5	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

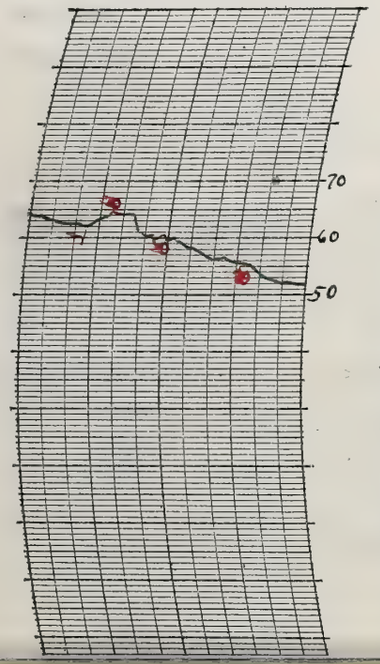
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	52	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .51 ins.
Total precipitation, midnight to midnight, .51 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 141
Average hourly velocity, 5.9 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 3:12 p.m.
Reduced barometer, 29.99 7 a. m. 30.02 7 p. m.
River gage, 1.8 feet
Relative humidity, 78 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.0 Wet temperature, 59.5
Dew-point, 59 R. humidity, 97 V. pressure, .499
Clouds: Amount, 10; Kind, St cu; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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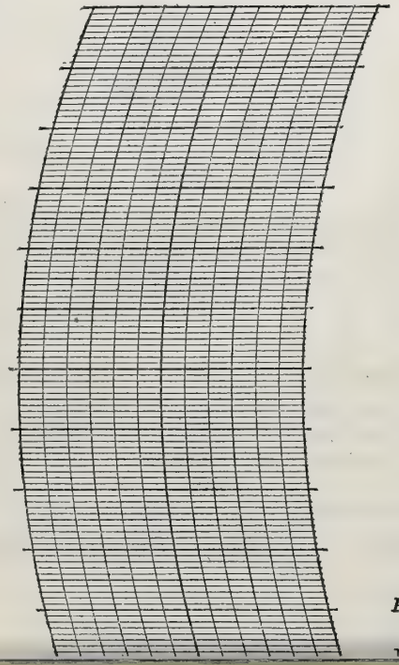
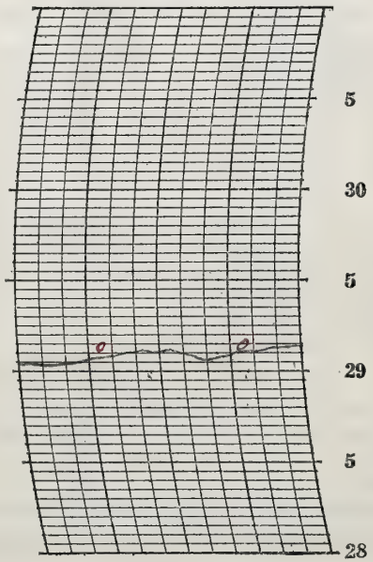


BAROGRAPH.



Prepared by

Verified by

NOTES

Lightning first seen at 8:32 a.m. in the southwest. Thunder first heard at 8:33 a.m.
Rain nearly all day but ceasing before night. Cold, dreary day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 8 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	48	47	46	46	50	52	56	60	63	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	9	7	9	5	8	9	11	10	9	11	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	68	67	67	65	63	60	58	57	55	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Pt Cloudy							← Clear →			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	NE
Wind movement	11	11	11	10	10	8	6	3	4	4	5	4

State of weather.

Sunrise: Time, 4:09 Character, Cloudy
Moonrise:

Sunset: Time, 7:11 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

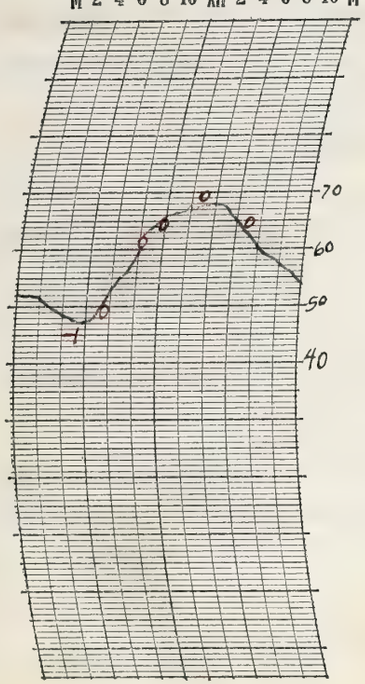
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	46	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 79
Prevailing wind direction, NE Total wind, 192
Average hourly velocity, 8.0 Extreme velocity, 15
Maximum velocity, 14 Direction, NE
Time began, 2:00 p.m.
Reduced barometer, 30.11 7 a. m. 30.11 7 p. m.
River gage, 2.0 fall
Relative humidity, 84 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.9 Wet temperature, 56.8
Dew-point, 51 R. humidity, 61 V. pressure, .373
Clouds: Amount, 6; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH.



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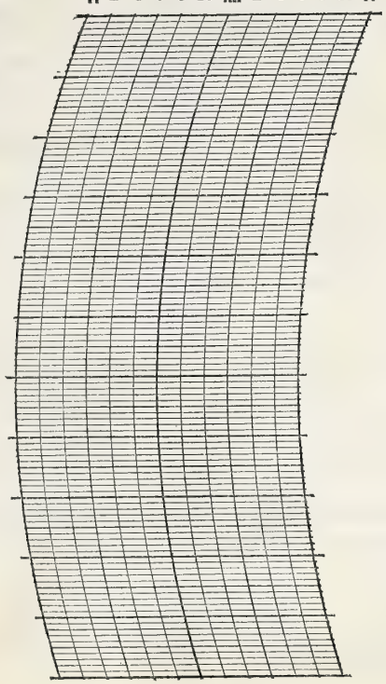
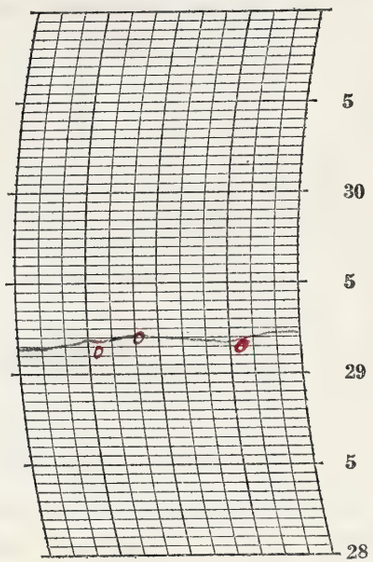


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Partly cloudy, cool day. Mostly clear at night, mostly high clouds

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 9 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	49	48	47	49	53	57	61	63	65	67	68	69	70	71	70	69	68	65	63	60	57	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear									→			
Sunshine (in tenths of hours)					0.87 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.20 0				
Wind direction	NE	NE	NE	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	4	5	5	5	5	6	4	5	7	8	9	8	8	8	8	7	7	7	5	4	2	6	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:12 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

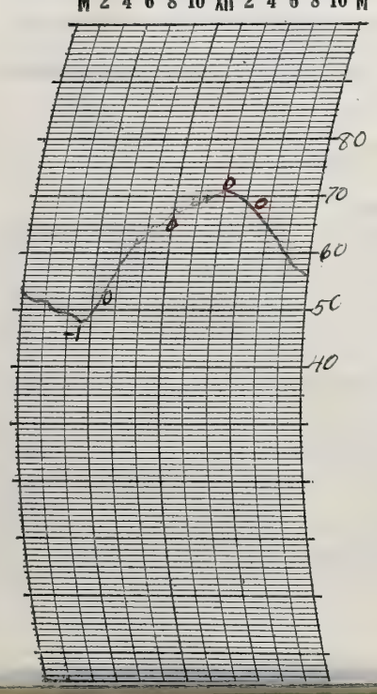
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	47	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 9:32 a. m.
Reduced barometer, 30.18 7 a. m. 30.07 7 p. m.
River gage, 18 fall
Relative humidity, 78 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.8 Wet temperature, 55.3
Dew-point, 46 R. humidity, 48 V. pressure, .310
Clouds: Amount, 2; Kind, Cst; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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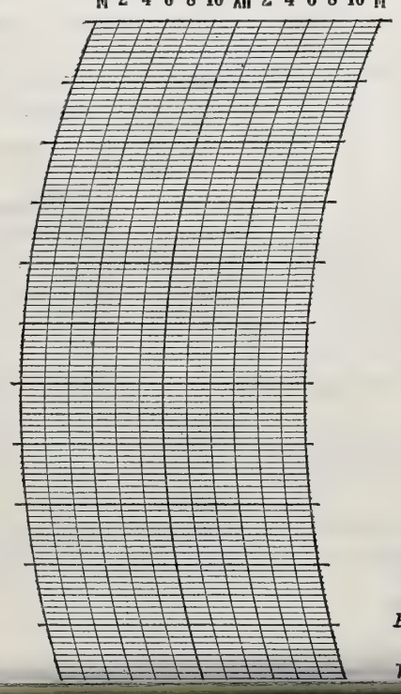
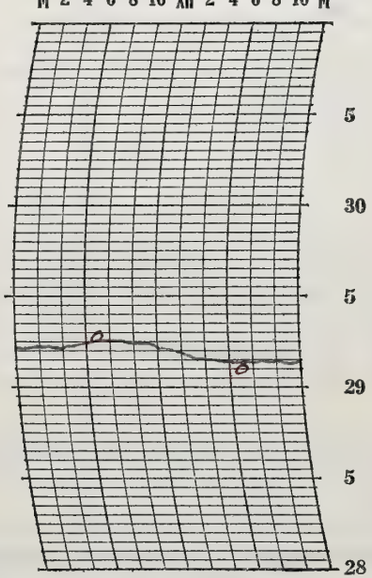


BAROGRAPH.



Prepared by CH
Verified by E.L.H.

NOTES

A few high clouds. But sun shone through high clouds all day. Moderate clear, beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	49	50	51	54	60	65	70	72	75	77	77	79	80	79	78	76	74	72	69	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cloudy →																			
Sunshine (in tenths of hours)					0.87 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	NE	E	NE	NE	NE	NE	NE	E	E	SE	S	S	S	S	S	SW	SW	SW	SW	S	S	S	S	SW
Wind movement	3	4	4	4	3	3	4	5	4	5	6	5	7	7	7	7	5	5	4	4	5	8	6	5

Sunrise: Time, 4:08 Character, Clear
Moonrise: ——— ———
Sunset: Time, 7:12 Character, Cloudy
Moonset: ——— ———

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	49	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ———
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 14.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 94
Prevailing wind direction, S Total wind, 120
Average hourly velocity, 5.0 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 1:42 p.m.
Reduced barometer, 30.04 7 a. m., 29.86 7 p. m.
River gage, 1.7 feet
Relative humidity, 73 7 a. m. 39 7 p. m.

Maximum velocities (exceeding ___ miles) direction and time ———

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

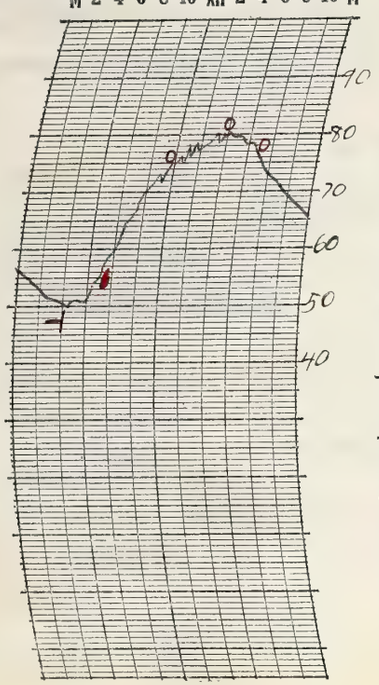
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts ———

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.2 Wet temperature, 59.0
Dew-point, 47 R. humidity, 32 V. pressure, .322
Clouds: Amount, 4; Kind, Ci; Direction, SW
Velocity of clouds (miles per hour) ———

THERMOGRAPH



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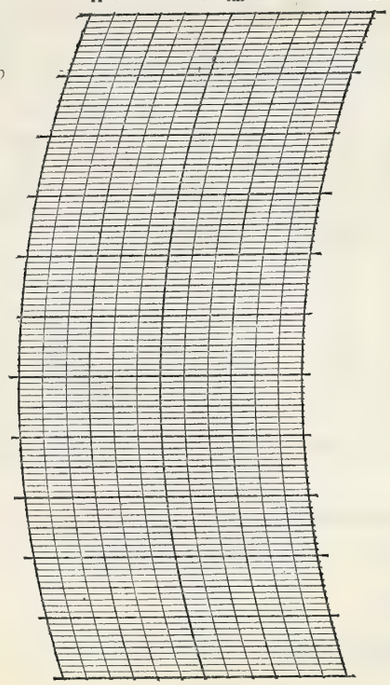
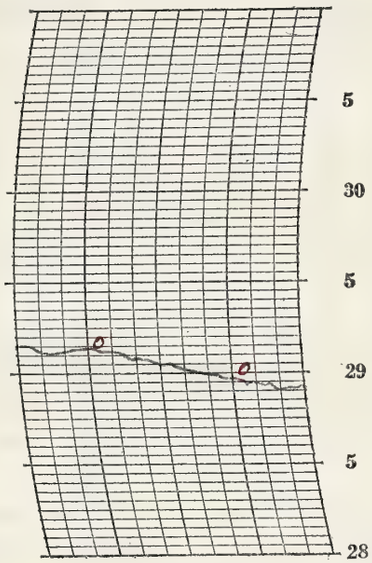


BAROGRAPH.



Prepared by EJ
Verified by E. H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 1 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	62	61	62	66	71	75	76	78	76	77	78	81	82	70	64	65	65	68	66	65	68
State of weather: Nature of precipitation and time of beginning and ending													RB 12:04 RE 12:09				RB 4:50				RE 8:15			
Amounts of precipitation													T				.01	.09	.09	.15	T			
Cloudiness and other conditions					← Pt Cldy				→				Cloudy								→			

Sunrise: Time, 4:28 Character, Cloudy
Moonrise:
Sunset: Time, 7:13 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0				
Wind direction	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW	S	S	S	SW	NW	NW	N	N	SE	S	SE	N
Wind movement	8	8	4	4	5	6	7	8	10	10	12	13	12	16	16	16	21	16	7	7	12	14	11	13
Maximum velocities (exceeding 24 miles) direction and time																	31 NW 4:45	26 NW 5:00						

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

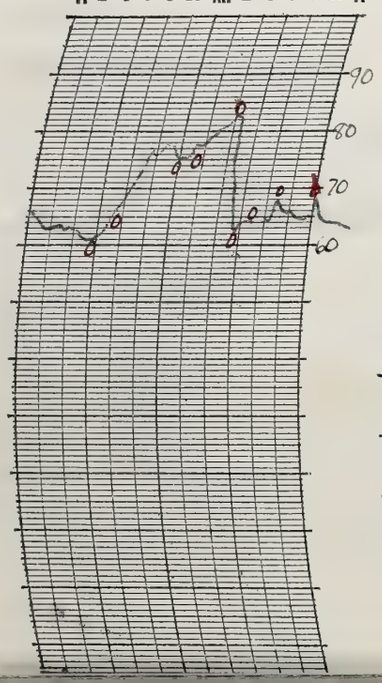
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.
Total precipitation, midnight to midnight, .34 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 11.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind, 256
Average hourly velocity, 10.7 Extreme velocity, 34
Maximum velocity, 31 Direction, NW
Time began, 4:45 p.m
Reduced barometer, 29.86 7 a. m., 29.86 7 p. m.
River gage, 1.7 feet
Relative humidity, 68 7 a. m., 92 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 75.6 Wet temperature, 65.8
Dew-point, 61 R. humidity, 60 V. pressure, .536
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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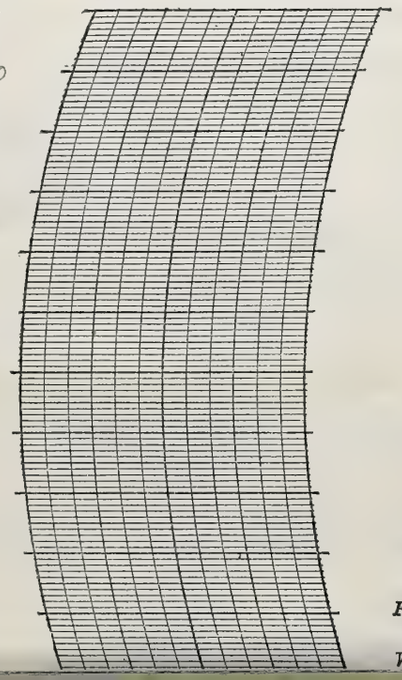
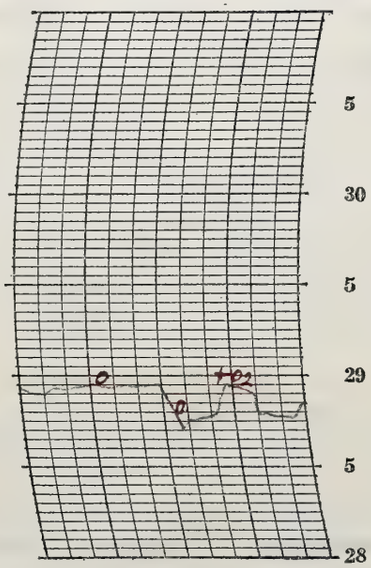


BAROGRAPH.



Prepared by

Verified by

NOTES

A heavy rain fell in the evening and was preceded by strong winds which did some damage. The rain made the streets slippery, causing some automobile accidents. A report has been received that "Clayton Sensibaugh, 17, living near Atwood, was drowned in Huffman's lake, eight miles west of Warsaw when the canoe in which he was riding was upset by a high wind which preceded a storm this afternoon"

4:50 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 12 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	63	63	63	63	64	66	67	68	71	75	76	77	75	75	75	72	69	67	65	64	63
State of weather: Nature of precipitation and time of beginning and ending	RB DNa			RE DNa																				
Amounts of precipitation	.11	.11	.23	.10																				
Cloudiness and other conditions	← Cloudy											→	Cldy						→ Cldy					
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.6	0				
Wind direction	NW	S	SW	W	W	S	S	S	W	SW	SW	S	SW	SW	SW	SW	W	W	W	NW	W	NW	NW	W
Wind movement	5	4	6	5	2	7	4	3	6	5	10	7	6	8	8	8	8	6	8	4	3	2	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:08; Character, Cloudy. Moonrise: ____

Sunset: Time, 7:13; Character, Cloudy. Moonset: ____

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

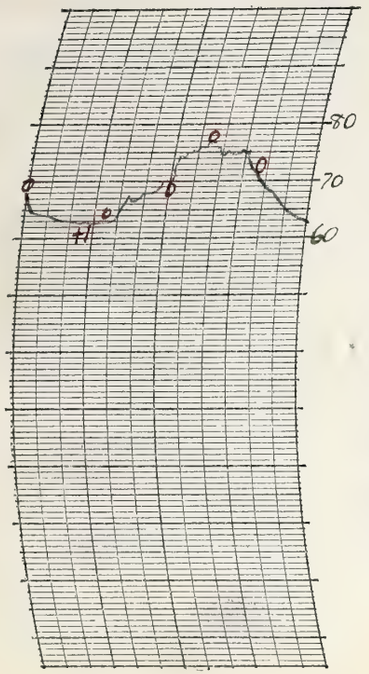
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .0 ins.
Total precipitation, midnight to midnight, .55 inches.
Character of day, Cloudy. Moon phase, ____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 11.1. Possible sunshine, hours, 15.1
Per cent of possible sunshine, 74
Prevailing wind direction, W. Total wind, 131
Average hourly velocity, 5.5. Extreme velocity, 14
Maximum velocity, 13. Direction, S
Time began, 10:14 a. m.
Reduced barometer, 29.77 7 a. m. 29.86 7 p. m.
River gage, 2.3 feet
Relative humidity, 97 7 a. m. 69 7 p. m.

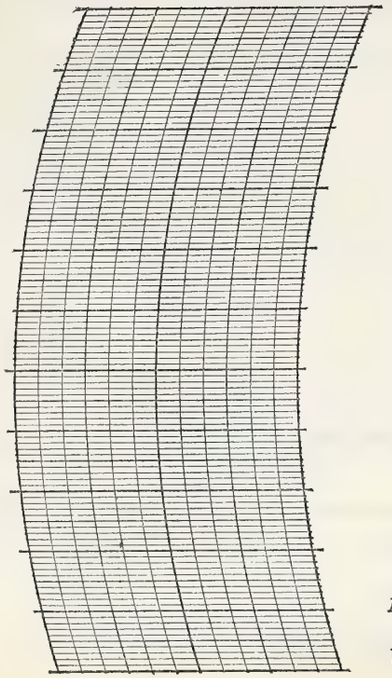
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.9. Wet temperature, 65.1
Dew-point, 62. R. humidity, 74. V. pressure, .555
Clouds: Amount, 9; Kind, Cu et St; Direction, SW
Velocity of clouds (miles per hour) ____

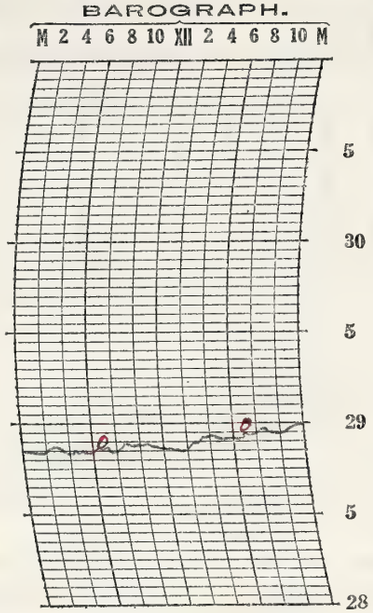
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by EJ

8—486

NOTES

A heavy rain fell in the early morning it was accompanied by heavy thunder and lightning beginning about 1:30 a.m. No damage was reported.

Thunder was heard in the early morning

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 13 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	63	63	64	65	68	70	70	72	75	77	76	70	73	73	72	70	69	67	65	64
State of weather: Nature of precipitation and time of beginning and ending							RB 6.15	RE 7.05								RB 3.11 RE 3.38						RB 9:10 RE 9:30		
Amounts of precipitation							01	T								10						T		
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)					0	0	0	0	0.7	1.0	0.9	0.9	1.0	1.0	1.0	0.5	0.7	0	0	0				
Wind direction	N	NE	E	E	E	E	S	S	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	S	SW
Wind movement	4	5	4	4	3	2	5	5	9	13	12	12	15	12	13	11	9	8	6	3	5	8	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:28 Character, Cloudy
Moonrise:

Sunset: Time, 7:14 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

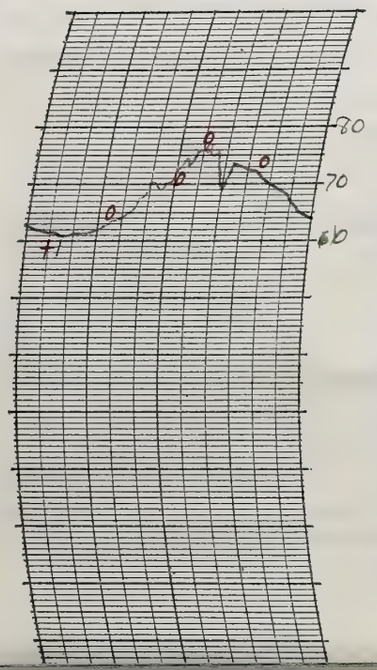
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 7.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 51
Prevailing wind direction, SW Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 20
Maximum velocity, 18 Direction, SW
Time began, 12:13 p.m.
Reduced barometer, 29.92 7 a. m. 29.88 7 p. m.
River gage, 3.3 feet
Relative humidity, 97 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.9 Wet temperature, 65.3
Dew-point, 62 R. humidity, 74 V. pressure, .555
Clouds: Amount, 2; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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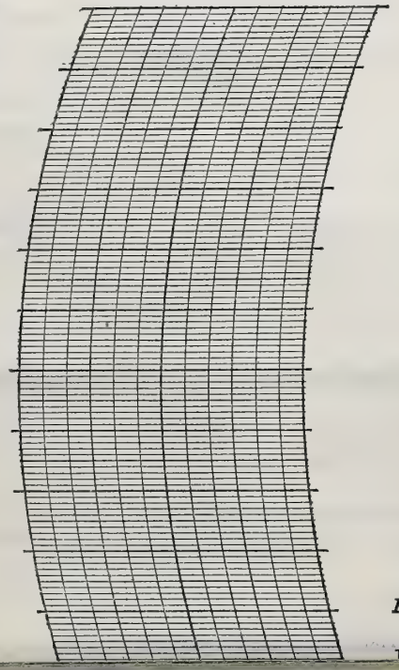
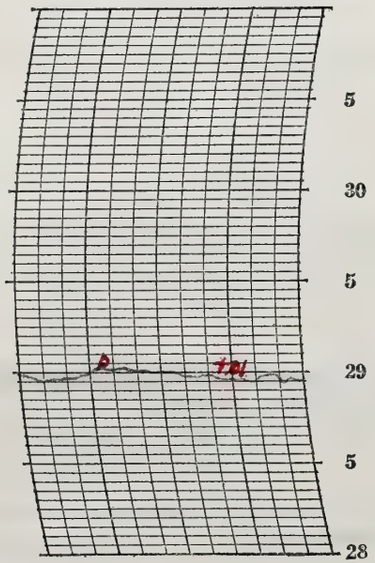


BAROGRAPH.



Prepared by

Verified by

NOTES

Rain and sunshine observed from 3:36 pm - 3:38 pm when rain ended.

Form No. 1014—Met'l

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 14 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	62	62	61	61	62	63	66	66	65
State of weather: Nature of precipitation and time of beginning and ending	RB DNa			RE DNa							RB 10:50 RE 10:55	
Amounts of precipitation	.20	.01	T	.03							T	
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)					0	0	0.6	1.0	0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	9	7	8	7	6	10	11	13	12	13	11	11

Sunrise: Time, 4:18 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	68	68	69	68	66	64	64	64	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					→ Pt. Cloudy				→			
Sunshine (in tenths of hours)	0.7	1.0	1.0	1.0	1.0	1.0	0.5	0				
Wind direction	W	SW	W	SW	SW	SW	SW	SW	SW	S	S	SW
Wind movement	9	10	8	9	10	7	6	5	5	6	4	1

Sunset: Time, 7:14 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

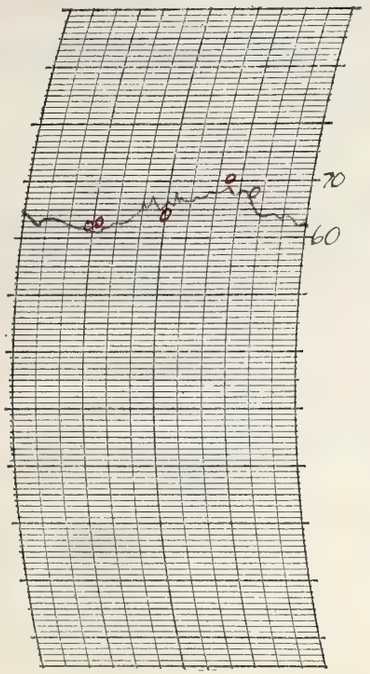
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	61	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .24 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 77
Prevailing wind direction, SW Total wind, 198
Average hourly velocity, 8.2 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 11:11 a.m.
Reduced barometer, 29.94 7 a. m. 30.02 7 p. m.
River gage, 2.6 feet
Relative humidity, 89 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.8 Wet temperature, 59.8
Dew-point, 57 R. humidity, 75 V. pressure, .465
Clouds: Amount, 10; Kind, stcu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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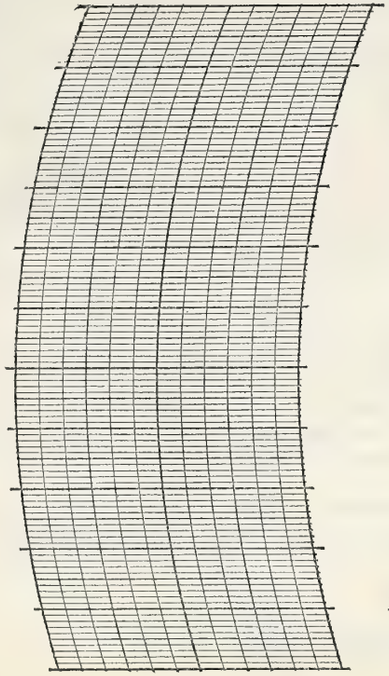
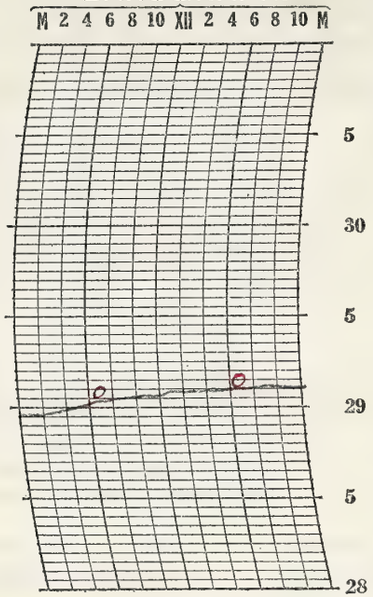


BAROGRAPH.



Prepared by GH

Verified by GH

8—486

NOTES

Today is Hebrew Pentecost (Shebuoth)
Thunder first heard between 12 & 12m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 15 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	60	59	59	59	59	63	66	70	73	75	75	78	78	80	79	79	78	77	74	73	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear				×	Pt Cldy	Cloudy			×			Clear		×	Pt Cldy		
Sunshine (in tenths of hours)					0.8	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.23 0				
Wind direction	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE
Wind movement	2	2	2	1	3	4	3	2	4	4	5	6	6	7	7	7	6	4	4	1	1	4	6	5

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:14 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

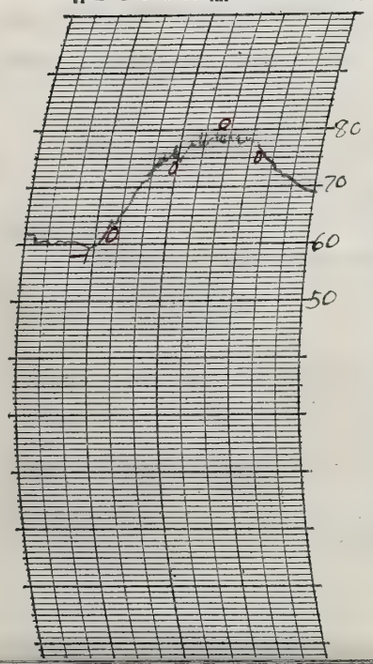
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 96
Average hourly velocity, 4.0 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 3:00 p.m.
Reduced barometer, 30.04 7 a. m. 29.95 7 p. m.
River gage, 2.6 feet.
Relative humidity, 82 7 a. m. 51 7 p. m.

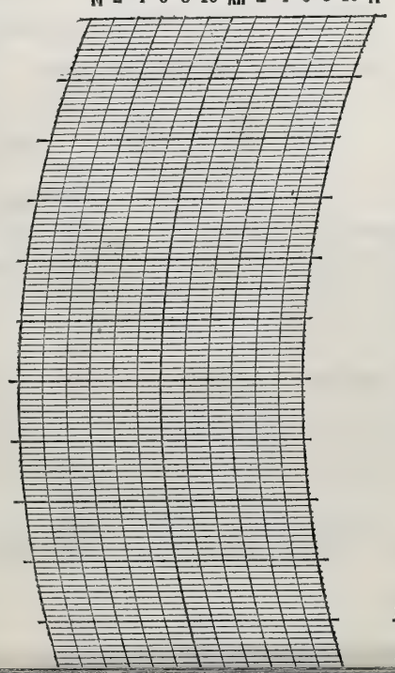
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.2 Wet temperature, 63.8
Dew-point, 57 R. humidity, 54 V. pressure, .465
Clouds: Amount, 5; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

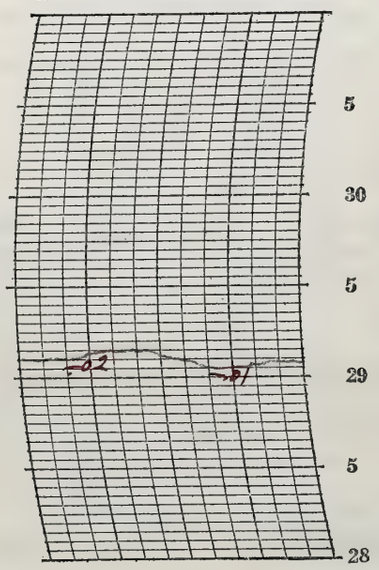
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 1 6 1929, 192

Time (local standard) 00 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	66	67	68	70	71	65	65	65	69
Nature of precipitation and time of beginning and ending									RB 8:10		RE 10:45	
Amounts of precipitation									.27	.03	.02	
Cloudiness and other conditions					←				Cloudy			
Sunshine (in tenths of hours)					0	0	0.4	0.2	0	0	0	0.9
Wind direction	SE	SE	S	S	S	S	S	SW	NW	SW	S	S
Wind movement	4	4	6	7	6	7	6	7	11	3	6	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	76	77	77	76	75	73	71	71	70	68
Nature of precipitation and time of beginning and ending	RB 12:21 RE 12:30											
Amounts of precipitation	T											
Cloudiness and other conditions	X					Pt Cloudy			→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	8	8	8	10	9	7	8	8	7	7	8	6

Sunrise: Time, 4:08 Character, Cloudy

Moonrise:

Sunset: Time, 7:15 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	64	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .32 ins.

Total precipitation, midnight to midnight, .32 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.9 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 52

Prevailing wind direction, S Total wind, 169

Average hourly velocity, 7.0 Extreme velocity, 19

Maximum velocity, 18 Direction, W

Time began, 8:10 a. m.

Reduced barometer, 30.02 7 a. m. 30.04 7 p. m.

River gage, 2.6 feet

Relative humidity, 88 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

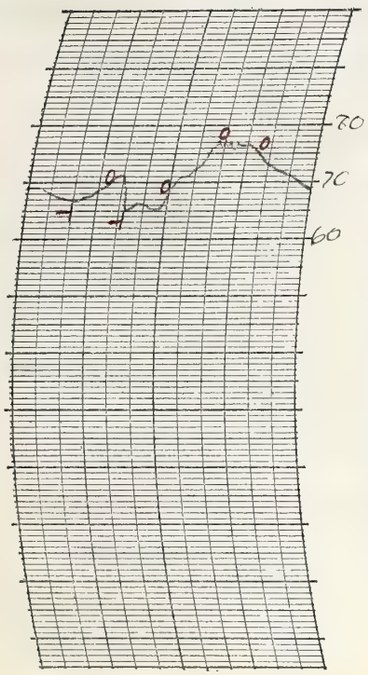
Dry temperature, 69.1 Wet temperature, 65.9

Dew-point, 64 R. humidity, 85 V. pressure, .595

Clouds: Amount, 5; Kind, Strat; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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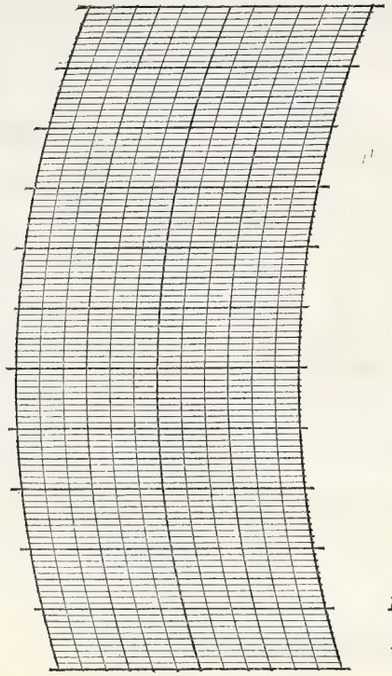
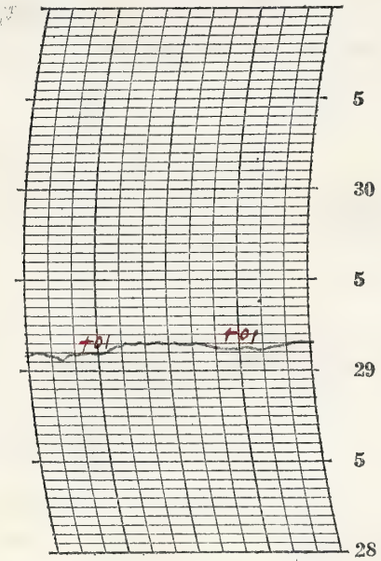


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Thunder was heard at 7:53 a. m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	67	67	66	68	70	76	81	83	83	83	85	84	85	85	84	83	81	78	77	76	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Pt Cldy				X Cldy		X			Pt Cldy						→		
Sunshine (in tenths of hours)					0.8 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW	S	S	SE	S	S	S	SE	SE	SE	S	S
Wind movement	7	5	4	4	4	4	4	3	6	5	8	7	8	9	9	9	9	7	5	5	6	7	6	6

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:15 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

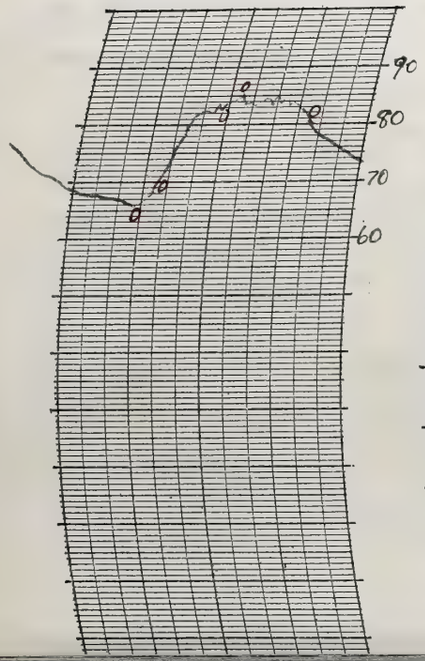
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 14.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 95
Prevailing wind direction, S Total wind, 147
Average hourly velocity, 6.1 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 4:34 p.m.
Reduced barometer, 30.15 7 a. m. 30.09 7 p. m.
River gage, 2.8 feet
Relative humidity, 83 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.3 Wet temperature, 70.8
Dew-point, 65 R. humidity, 54 V. pressure, .616
Clouds: Amount, 8; Kind, Cu-St; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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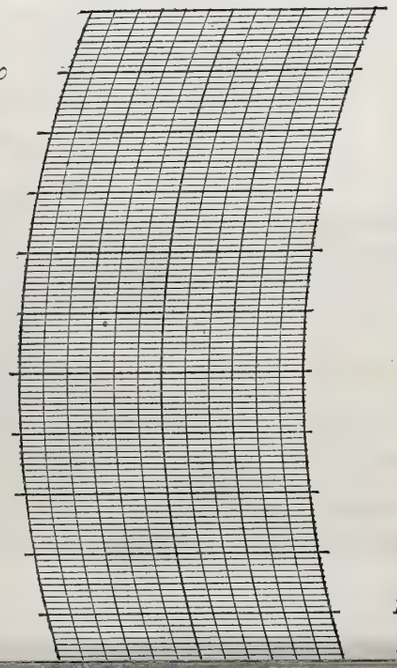
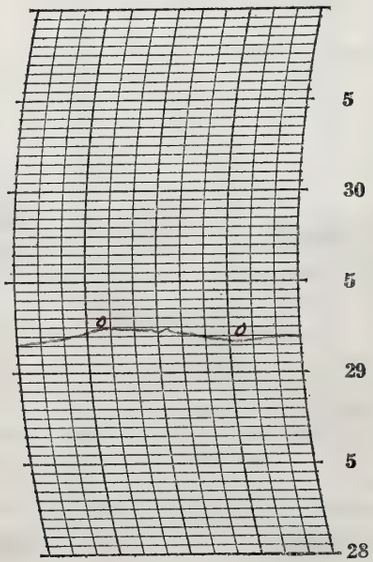


BAROGRAPH.



Prepared by

Verified by

NOTES

A 22° solar halo was first noticed at 10:30 a.m. and continued until past noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 18 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	71	70	69	72	74	89	83	85	86	87
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy							×
Sunshine (in tenths of hours)					0	10	10	10	10	10	10	10
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	7	7	7	5	5	5	6	8	7	8	9	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	82	82	82	84	83	82	79	77	76	75	74
Nature of precipitation and time of beginning and ending		RB 1:34 RE	RE 2:05 RB 2:25 RE 2:45									
Amounts of precipitation		T	T									
Cloudiness and other conditions	× Cloudy		× Pt Cldy									→
Sunshine (in tenths of hours)	10	10	10	10	10	10	0.6	0				
Wind direction	SW	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	8	7	7	7	6	7	7	8	7	6	6	7

Sunrise: Time, 4:08 Character, Cloudy
Moonrise:
Sunset: Time, 7:15 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

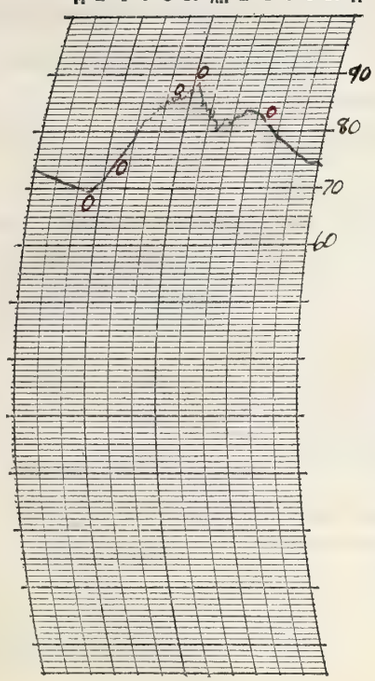
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	69	79	

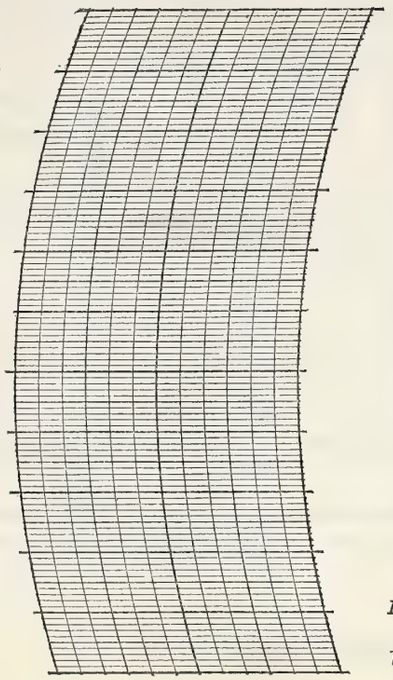
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 90
Prevailing wind direction, S Total wind, 165
Average hourly velocity, 6.9 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 11:08 a.m.
Reduced barometer, 30.11 7 a. m. 29.98 7 p. m.
River gage, 3.3 feet
Relative humidity, 68 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 87.1 Wet temperature, 73.3
Dew-point, 68 R. humidity, 52 V. pressure, 68.4
Clouds: Amount, 7; Kind, ~~st cu~~ Direction, ~~SW~~ SW
Velocity of clouds (miles per hour)

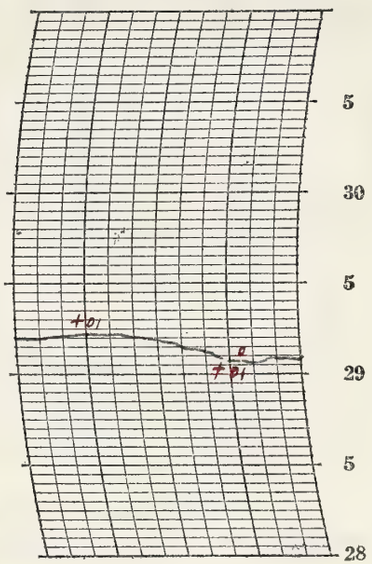
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—436

NOTES

Thunder was first heard at 2:16 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	73	72	71	71	73	74	77	80	83	84	85	85	85	84	84	84	81	80	77	76	74	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy ×									Part Cloudy														→
Sunrise: Time, Character,	4:08 Cloudy																							
Moonrise:																								
Sunset: Time, Character,																					7:16 Cloudy			
Moonset:																								
Sunshine (in tenths of hours)					0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	SW	SW	SW	S	SW	SW	SW	W	NW	W	W	W	W	W	W	W	NW	NW	N	N	N	N	N	N
Wind movement	9	7	7	8	8	6	4	3	3	5	4	7	9	9	10	11	9	8	5	4	3	3	3	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

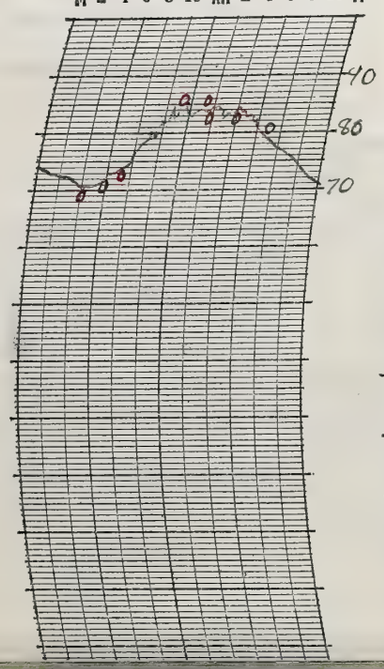
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 79
Prevailing wind direction, W Total wind, 147
Average hourly velocity, 6.1 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 3:15 p.m.
Reduced barometer, 29.95 7 a. m. 29.94 7 p. m.
River gage, 2.9 feet
Relative humidity, 84 7 a. m. 64 7 p. m.

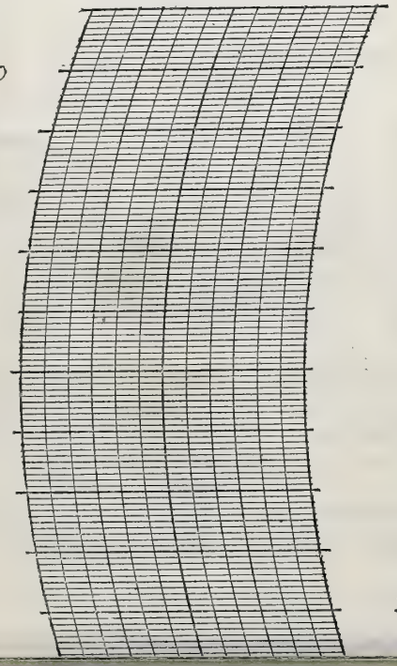
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.3 Wet temperature, 70.1
Dew-point, 63 Relhumidity, 47 V. pressure, .575
Clouds: Amount, 3 ~~Cus~~; Kind, ~~Cirr~~; Direction, ~~W~~
Velocity of clouds (miles per hour)

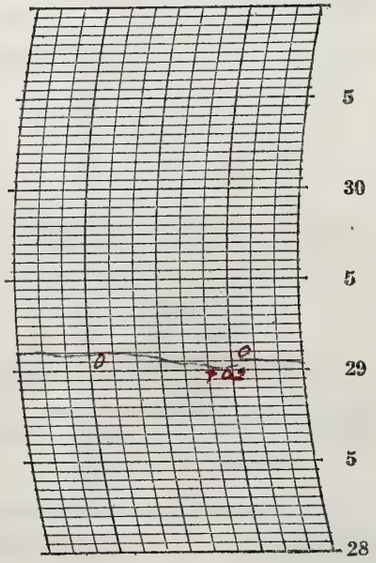
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 20 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	65	65	68	68	71	75	79	82	84	85	85	86	87	85	81 RB 4:51	82 RE 5:02	81	77	74	71	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	T	T						
Cloudiness and other conditions					←				Part Cloudy								→							
Sunrise: Time, 4:09 Character, Cloudy																					Sunset: Time, 7:16 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.0	0.7	0				
Wind direction	N	N	N	N	N	NE	NE	E	SE	S	SW	SW	SW	SW	SW	W	SW	W	SW	NW	NW	NW	NW	NW
Wind movement	2	3	2	3	2	4	4	4	5	5	8	8	7	9	9	8	7	7	7	11	9	9	7	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 13.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 87

Prevailing wind direction, SW Total wind, 146

Average hourly velocity, 6.1 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 7:22 p.m.

Reduced barometer, 29.92 7 a. m. 29.82 7 p. m.

River gage, 2.4 p.m.

Relative humidity, 75 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

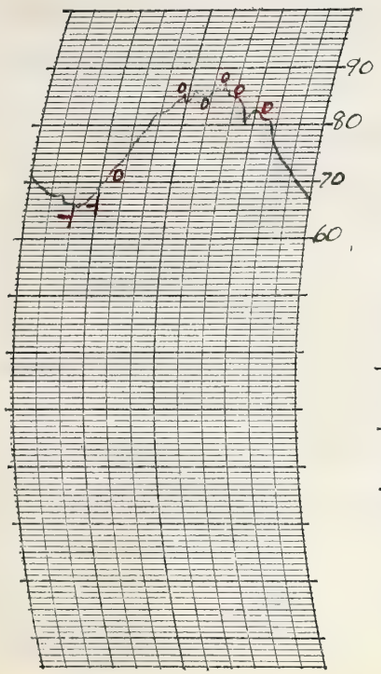
Dry temperature, 84.9 Wet temperature, 69.8

Dew-point, 63 R. humidity, 47 V. pressure, .575

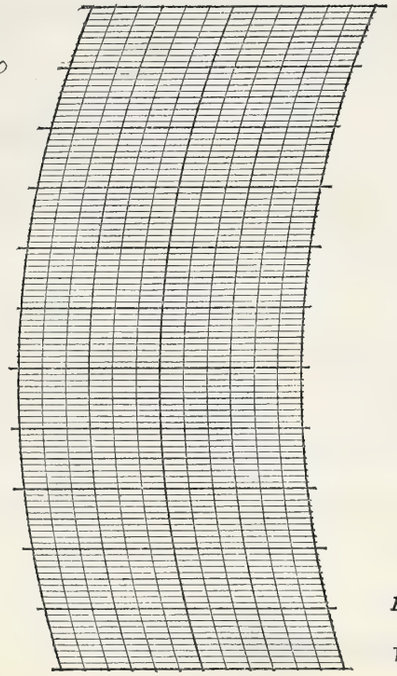
Clouds: Amount, 4; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

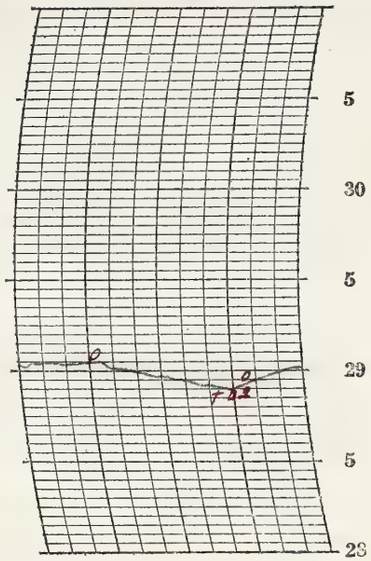
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 21 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	60	59	58	61	64	67	70	73	75	76	76	77	79	78	80	79	77	75	73	69	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←				Part Cloudy						×		Clear					→		
Sunshine (in tenths of hours)					0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0				
Wind direction	NW	W	W	W	W	W	NW	NW	N	NW	NW	W	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	5	4	6	4	5	4	5	6	6	6	6	7	7	8	7	6	6	6	4	2	2	4	3	2

Sunrise: Time, 4:09 Character, Cloudy

Moonrise:

Sunset: Time, 7:16 Character, Cloudy

Moonset:

Maximum velocities (exceeding 2.4 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	58	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 13.7 Possible sunshine, hours,

Per cent of possible sunshine, 91

Prevailing wind direction, NW Total wind, 121

Average hourly velocity, 5.0 Extreme velocity, 11

Maximum velocity, 11 Direction, NW

Time began, 1:54 p.m.

Reduced barometer, 29.96 a. m. 29.94 p. m.

River gage, 2.2 feet

Relative humidity, 66 a. m. 39 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

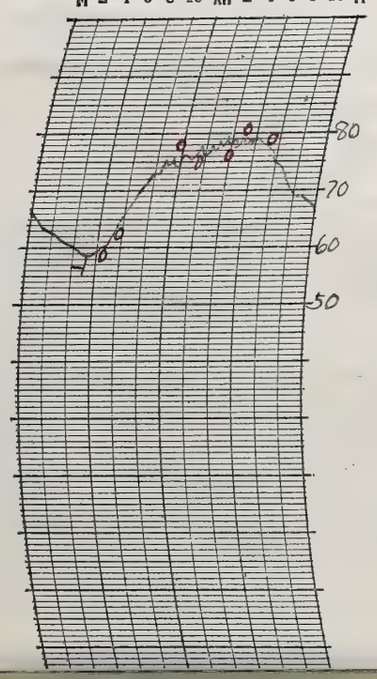
Dry temperature, 76.2 Wet temperature, 60.1

Dew-point, 42 R. humidity, 38 V. pressure, .342

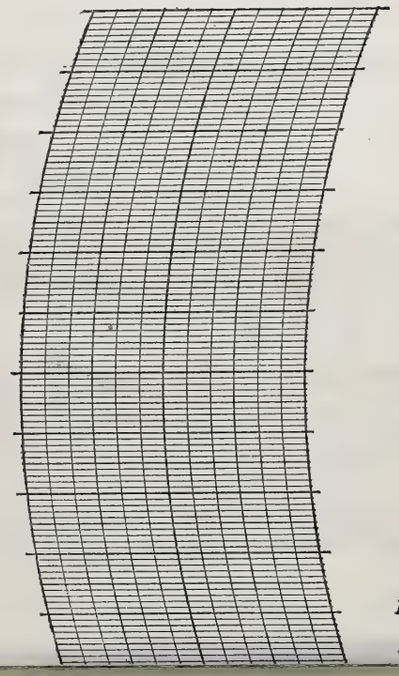
Clouds: Amount, Few; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

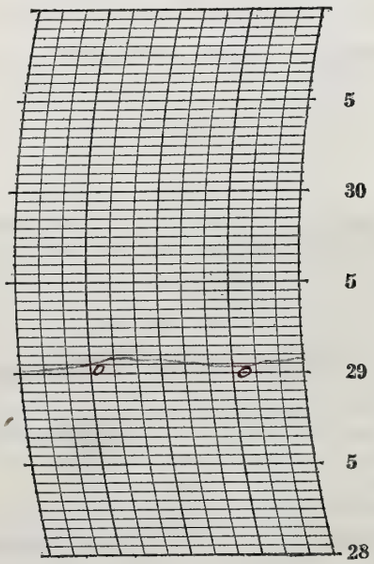
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

a very brilliant 22° Solar halo was observed around noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 22 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	62	62	63	68	73	76	79	80	80	81	82	84	83	82	82	81	79	75	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Part Cloudy →																			
Sunshine (in tenths of hours)					0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	N	N	N	O	N	N	SE	SE	SE	S	SE	S	S	S	SE	S	S	S	S	S	S	W	[illegible]	W
Wind movement	2	1	1	0	1	2	3	5	7	10	9	9	8	8	8	8	6	5	3	1	2	1	0	1

Sunrise: Time, 4:09 Character, Cloudy
Moonrise:
Sunset: Time, 7:16 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

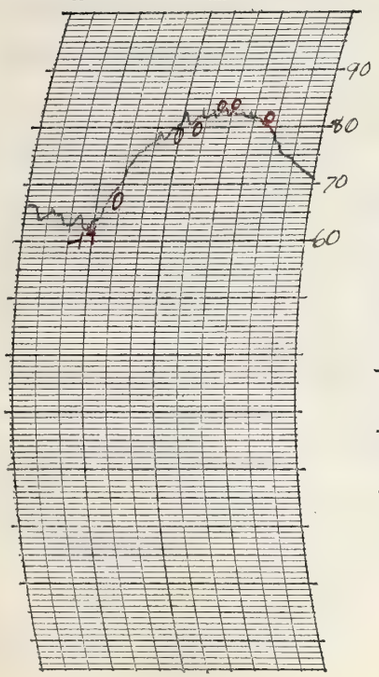
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 13.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 89
Prevailing wind direction, S Total wind, 101
Average hourly velocity, 4.2 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 9:29 a. m.
Reduced barometer, 29.98 7 a. m. 29.87 7 p. m.
River gage, 1.9 fal
Relative humidity, 63 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.3 Wet temperature, 63.8
Dew-point, 54 R. humidity, 40 V. pressure, .417
Clouds: Amount, 2; Kind, si st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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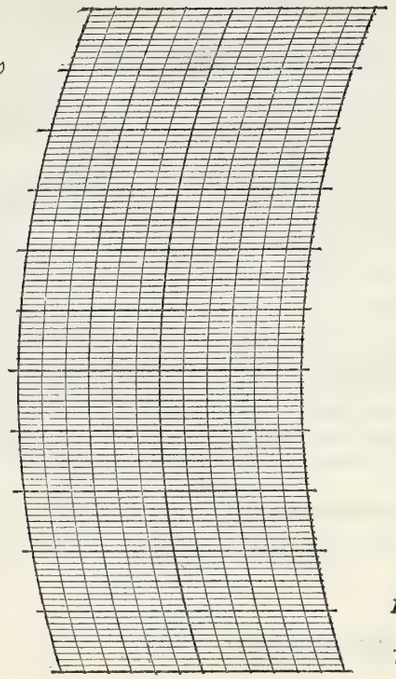
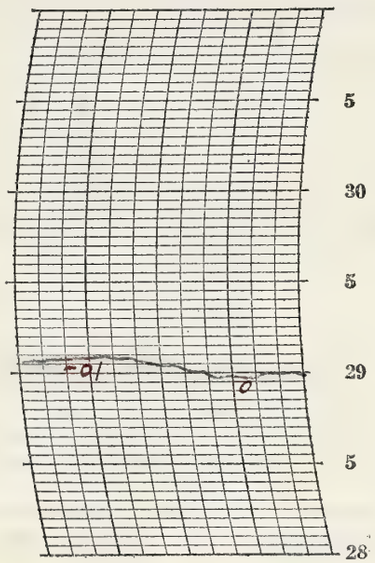


BAROGRAPH.



Prepared by

Verified by

8—456

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	67	67	69	71	71	72	74	78	81
State of weather: Nature of precipitation and time of beginning and ending									RB 6:00 RE 8:15			
Amounts of precipitation									T			
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)					0	0.4	0	0	0	0.9	1.0	1.0
Wind direction	O	W	SW	SW	SW	W	SW	SW	W	S	S	S
Wind movement	0	2	4	3	2	3	2	2	1	4	5	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	84	84	82	82	80	77	74	72	71	70	68
Cloudiness and other conditions		→ Pt Cldy				→ Cloudy			→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	SW	W	W	N	N	N	N	N	N	N	NE	N
Wind movement	5	5	8	8	8	7	6	7	4	4	5	5

Sunrise: Time, 4:09 Character, Cloudy
Moonrise:

Sunset: Time, 7:12 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 64
Prevailing wind direction, N Total wind, 108
Average hourly velocity, 4.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 1:47 p.m.
Reduced barometer, 29.93 7 a. m. 29.96 7 p. m.
River gage, 1.7 feet
Relative humidity, 63 7 a. m. 69 7 p. m.

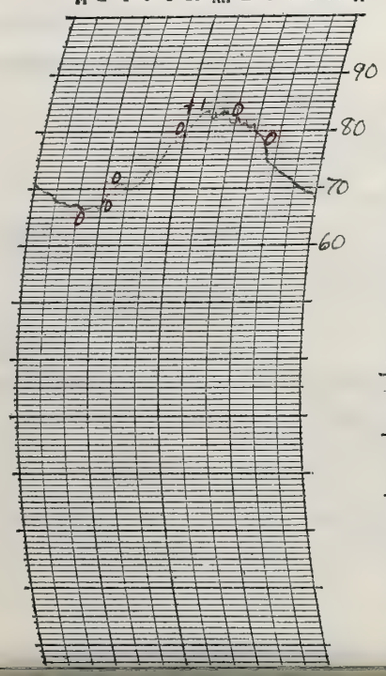
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 80.9 Wet temperature, 67.2
Dew-point, 60 R. humidity, 49 V. pressure, 3/7
Clouds: Amount, 2/2; Kind, 2nd/2nd; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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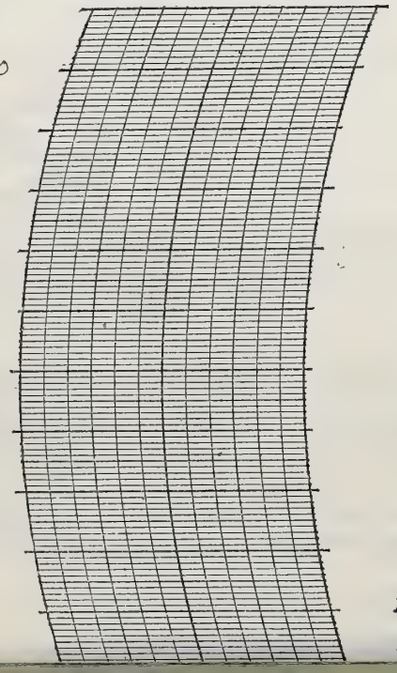
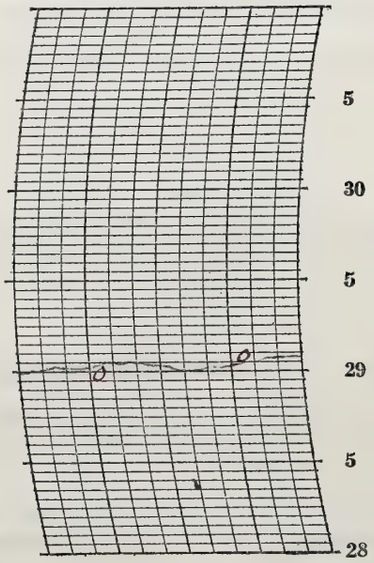


BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 2 4 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	64	63	63	66	66	68	72	76	79	82	84	83	81	74	74	71	68	68	67	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																RB 3.04 RE 3.10 RB 3.31				RE 7.30				
Amounts of precipitation																T	.02	.04	.04	T				
Cloudiness and other conditions					← Part Cloudy				→		Cloudy		→	Cloudy	→	Cloudy					→			
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0	0				
Wind direction	NE	N	N	NE	NE	NE	NE	NE	E	E	E	SW	WNW	NW	NW	NW	N	NW	N	N	N	N	NW	NW
Wind movement	4	4	5	3	3	4	4	5	4	3	3	4	4	6	6	10	6	9	6	7	6	5	5	4

Sunrise: Time, 4:10 Character, Cloudy
Moonrise:
Sunset: Time, 7:17 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

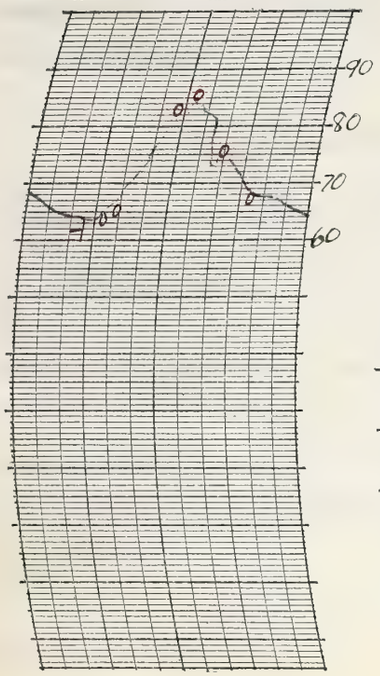
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 10 ins.
Total precipitation, midnight to midnight, 10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 9.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 60
Prevailing wind direction, N Total wind, 120
Average hourly velocity, 5.0 Extreme velocity, 18
Maximum velocity, 17 Direction, NW
Time began, 3:01 p.m.
Reduced barometer, 29.97 7 a. m. 29.92 7 p. m.
River gage, 2.3 feet
Relative humidity, 92 7 a. m. 94 7 p. m.

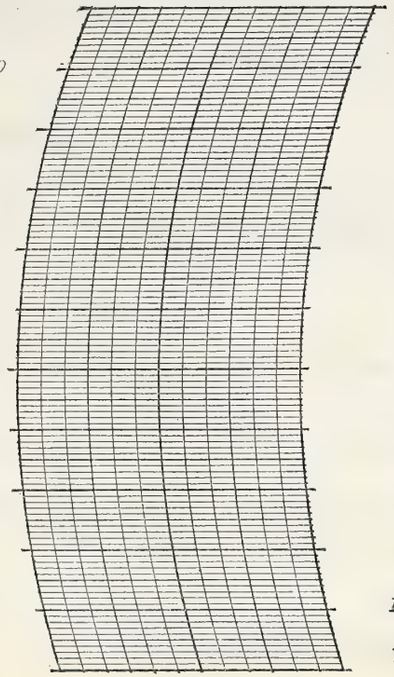
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 71.2
Dew-point, 66 R. humidity, 58 V. pressure, .638
Clouds: Amount, 5; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

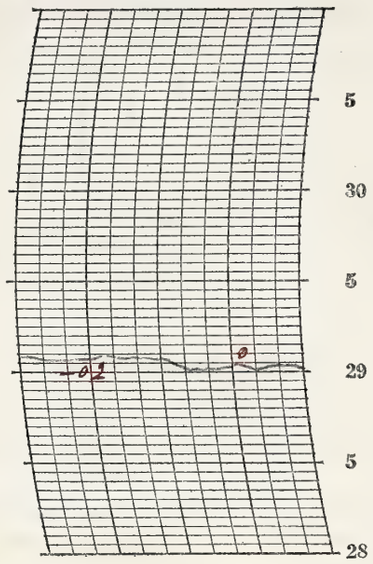
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Thunder first heard at 3:25 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	61	58	59	60	63	65	68	70	71	72	72	73	73	72	71	70	66	65	63	62	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy							×	Part Cloudy					×	Clear					→
Sunrise: Time, Character	4:10 Cloudy																							
Moonrise:																								
Sunset: Time, Character																					7:17 Cloudy			
Moonset:																								
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W
Wind movement	5	6	6	7	6	9	8	9	11	12	10	11	11	13	15	13	13	10	6	5	5	3	2	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

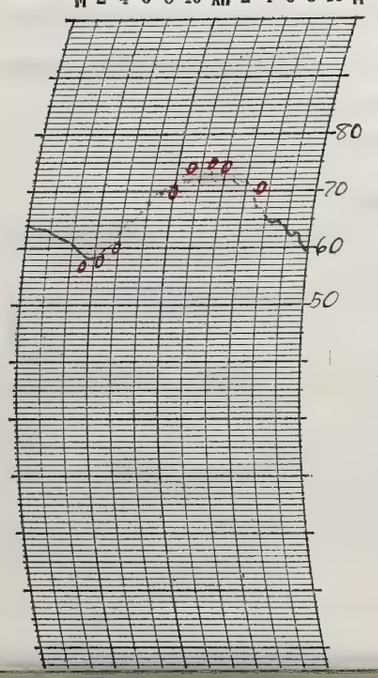
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 79
Prevailing wind direction, NW Total wind, 199
Average hourly velocity, 8.3 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 12:58 p.m.
Reduced barometer, 29.85 7 a. m. 29.97 7 p. m.
River gage, 2.5 feet
Relative humidity, 84 7 a. m. 41 7 p. m.

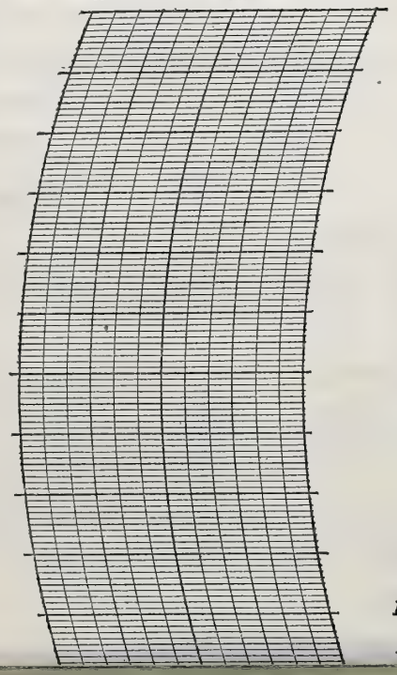
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.9 Wet temperature, 59.1
Dew-point, 51 R. humidity, 50 V. pressure, .373
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

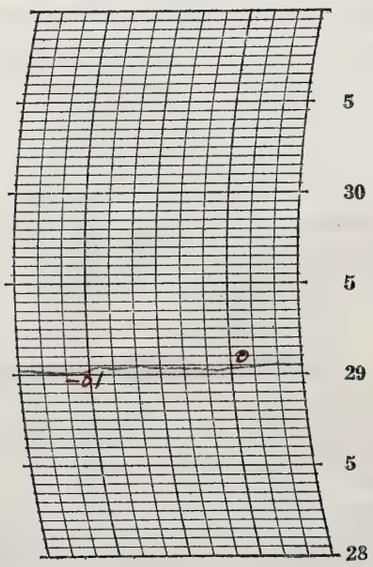
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 26 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	56	57	60	63	68	72	73	73	74	75	75	75	75	75	74	71	69	67	66	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Part Cloudy							→		Clear	→	Pt Cldy					→
Sunshine (in tenths of hours)					C	0.9	1.0	0.9	1.0	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	S	SW	SW	SW	S	S	SW	SW	SW	W	W	W	W	NW	NW	W	W	W	NW	N	N	NE	E	E
Wind movement	4	4	5	7	8	9	9	9	13	14	15	14	14	12	13	12	11	8	5	3	2	3	4	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4.10 Character, Cloudy
Moonrise:
Sunset: Time, 7.12 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

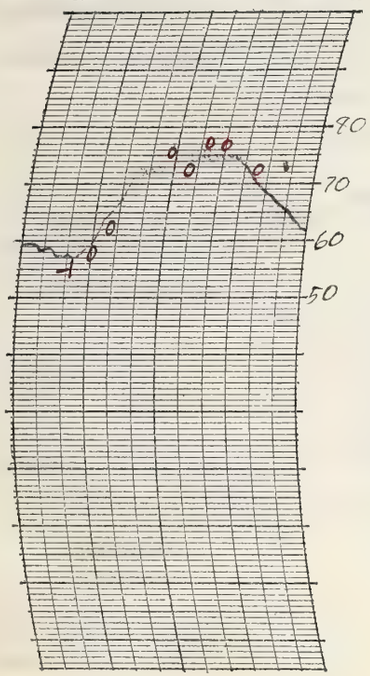
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 83
Prevailing wind direction, W Total wind, 200
Average hourly velocity, 8.3 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 9:53 a.m.
Reduced barometer, 29.95 7 a. m. 29.95 7 p. m.
River gage, 2.3 feet
Relative humidity, 65 7 a. m. 41 7 p. m.

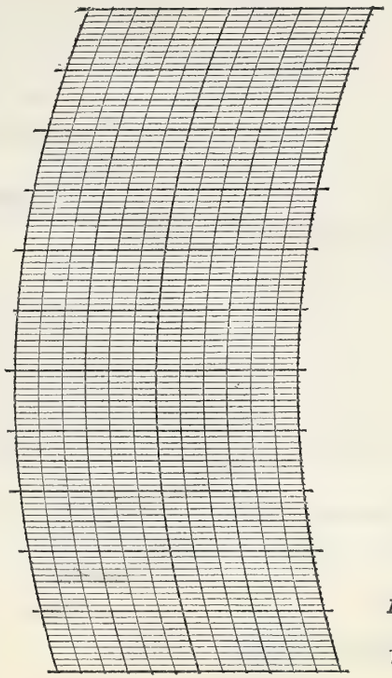
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.1 Wet temperature, 59.0
Dew-point, 48 R. humidity, 40 V. pressure, 33.4
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

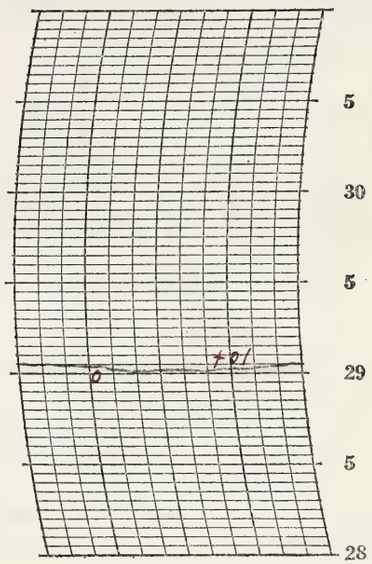
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 27 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	63	62	62	65	66	72	74	76	77	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Part Cloudy							
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	SE	S	SE	SE	S	S	S
Wind movement	3	2	3	2	2	6	6	7	11	12	11	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	79	77	79	78	77	76	75	74	74	74	59
State of weather: Nature of precipitation and time of beginning and ending			RB DNp RE DNp								RB 10:52	R Cont
Amounts of precipitation			T								T	0.7
Cloudiness and other conditions			Cloudy				Pt Cldy		Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	W
Wind movement	11	10	13	13	15	11	9	8	10	14	17	12

Sunrise: Time, 4:11 Character, Cloudy
Moonrise:
Sunset: Time, 7:12 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 26 W 11:02

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

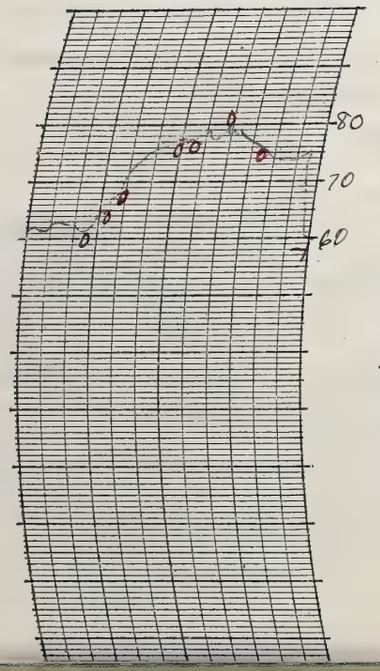
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	59	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.7 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 12.0 Possible sunshine, hours, 15.4
Per cent of possible sunshine, 79
Prevailing wind direction, S Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 29
Maximum velocity, 26 Direction, W
Time began, 11:02 p.m.
Reduced barometer, 29.93 7 a. m. 29.68 7 p. m.
River gage, 1.9 feet
Relative humidity, 58 7 a. m. 58 7 p. m.

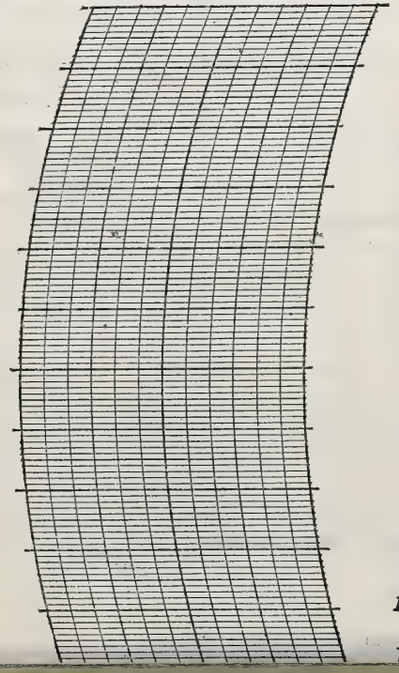
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.1 Wet temperature, 64.9
Dew-point, 58 R. humidity, 52 Y. pressure, 48.2
Clouds: Amount, 5; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

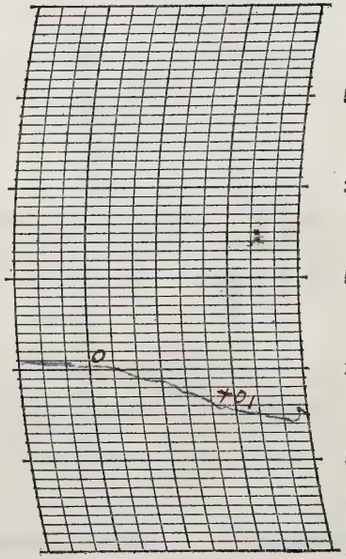
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 28 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	60	62	64	69	72	74	71	72
State of weather: Nature of precipitation and time of beginning and ending	R Cont RE DN2											
Amounts of precipitation	.04											
Cloudiness and other conditions					← Clear				×		Part Cloudy	
Sunrise: Time, Character,	4:11 Clear											
Moonrise:												
Sunshine (in tenths of hours)					0.82 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	6	7	9	9	8	9	11	12	14	17	20	19
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	71	71	71	69	67	64	63	62	60	59
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×		Clear			→		
Sunset: Time, Character,									7:12 Clear			
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.5	0.3 0.7	0.28 0				
Wind direction	W	W	W	W	NW	NW	NW	W	W	W	W	W
Wind movement	17	13	20	18	18	14	12	7	6	6	5	4

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	58	66	

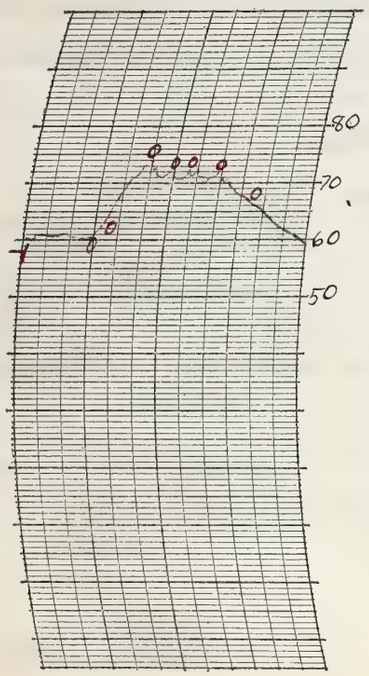
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 14.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 97
Prevailing wind direction, N Total wind, 286
Average hourly velocity, 11.9 Extreme velocity, 27
Maximum velocity, 24 Direction, NW
Time began, 4:13 p.m.
Reduced barometer, 29.61 7 a. m. 29.86 7 p. m.
River gage, 1.8 feet
Relative humidity, 82 7 a. m. 59 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

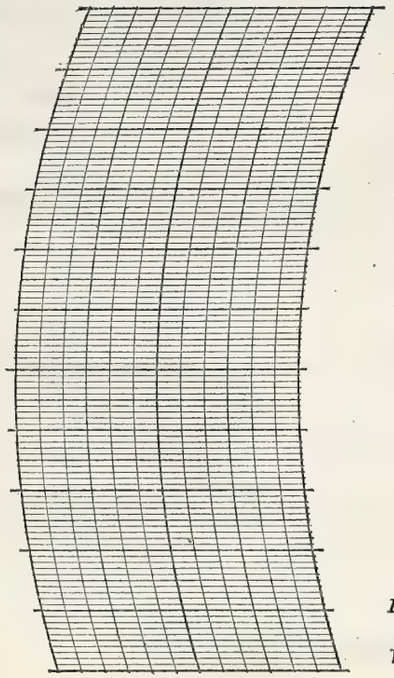
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 71.8 Wet temperature, 60.8
Dew-point, 54 R. humidity, 53 V. pressure, .417
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

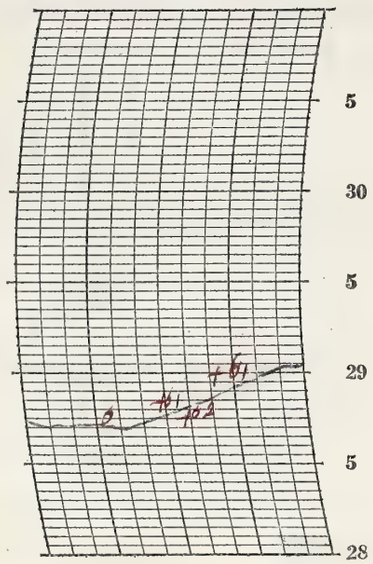
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Tr DN2 - DN2 between 12 & 1:00 a m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 29 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	56	55	54	58	61	65	68	72	73	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear					
Sunshine (in tenths of hours)					0.2 (0.62)	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	W	NW	NW	NW	NW	NW	SW	SW	W	W
Wind movement	4	3	4	3	3	2	3	2	4	4	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	78	78	77	77	75	72	70	68	66	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					×	Part Cloudy			Clear			→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.6 (0.4)	0.28 (0)				
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	7	8	8	9	10	10	8	9	9	10	10	9

Sunrise: Time, 4:11 Character, Clear

Moonrise:

Sunset: Time, 7:17 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 150

Average hourly velocity, 6.2 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 3:20 p.m.

Reduced barometer, 30.06 7 a. m. 30.02 7 p. m.

River gage, 1.8 feet

Relative humidity, 71 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

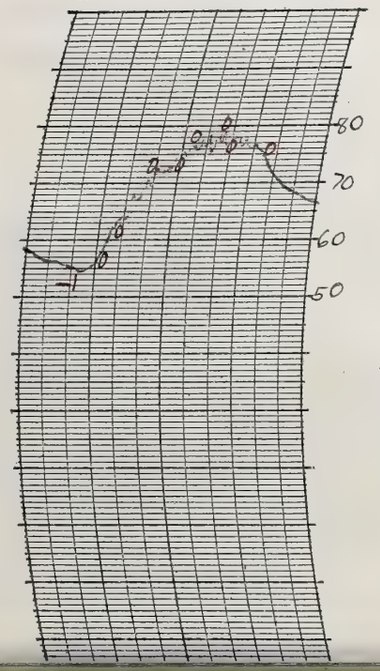
Dry temperature, 74.2 Wet temperature, 60.3

Dew-point, 51 R. humidity, 44 V. pressure, 373

Clouds: Amount, 2; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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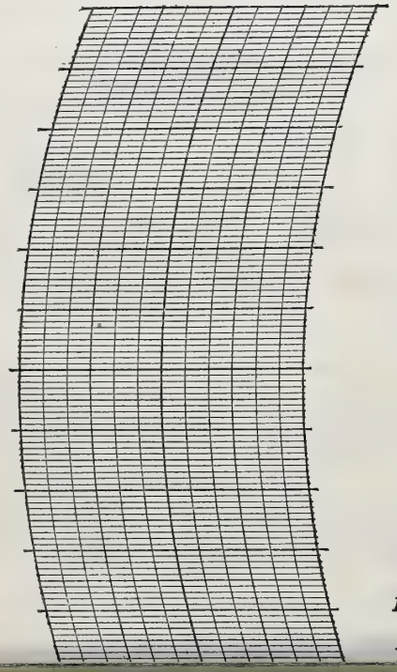

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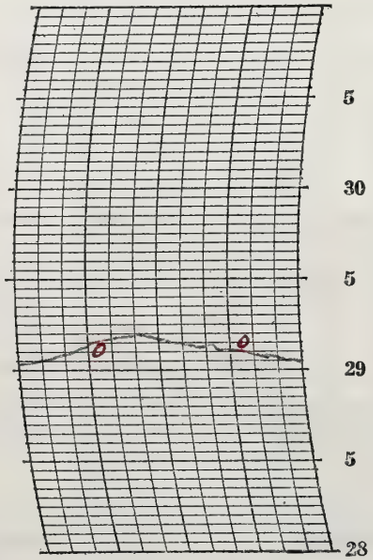


Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 30 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	66	66	67	70	69	76	77	82	82	82	84	83	71	71	74	75	73	71	70	70	69	68
State of weather: Nature of precipitation and time of beginning and ending			RB DN2	RE DN2					RB 8:25 RE 8:45						RB 2:12 RE 2:30									
Amounts of precipitation			T	.01					T						01									
Cloudiness and other conditions																								

Cloudy

Sunrise: Time, 4:12 Character, Cloudy

Moonrise:

Sunset: Time, 7:17 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.5	0.6	1.0	0.3	0	0.6	0.2	0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	W	W	W	W	W	W	SE	SW	SW	SW	SW	SW	W	W	W
Wind movement	9	11	12	10	11	9	7	12	11	9	10	7	6	10	12	5	5	10	6	9	9	4	4	4
Maximum velocities (exceeding 2.4 miles) direction and time															27 W 2:11									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 3.5 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 23

Prevailing wind direction, SW Total wind, 202

Average hourly velocity, 8.4 Extreme velocity, 29

Maximum velocity, 27 Direction, W

Time began, 2:11 p.m.

Reduced barometer, 29.887 a. m. 29.783 p. m.

River gage, 1.7 fall

Relative humidity, 77 a. m. 78 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

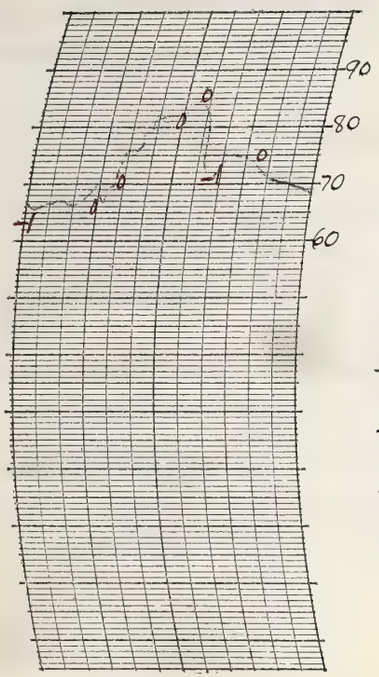
Dry temperature, 82.3 Wet temperature, 74.8

Dew-point, 72 R. humidity, 71 V. pressure, .78.3

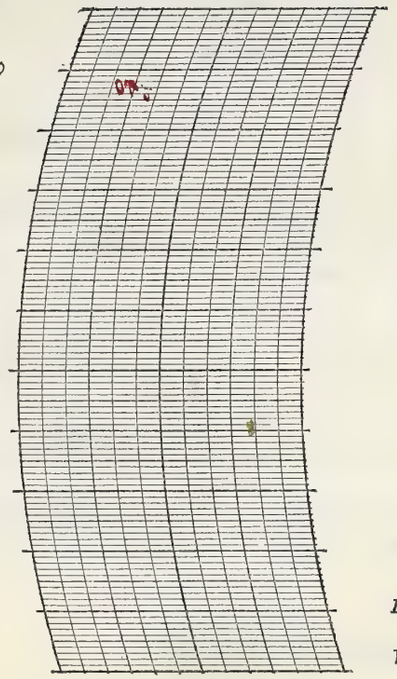
Clouds: Amount, 10; Kind, Strat; Direction, NW

Velocity of clouds (miles per hour)

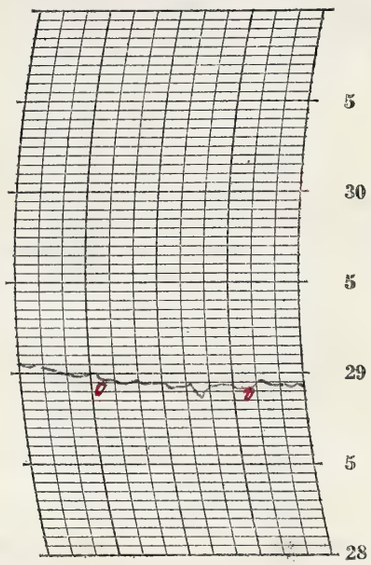
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	66	65	65	67	67	69	71	73	75	75
State of weather: Nature of precipitation and time of beginning and ending	RB DN2		RE DN2				RB 6:05 RE 6:30		RB 8:00 RE 8:15			
Amounts of precipitation	.01	.04	T				.01		T			
Cloudiness and other conditions	DN2				Cloudy							
Sunrise: Time, 4:12a Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.3	1.0	1.0
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	6	9	7	4	6	4	4	5	6	7	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	79	80	79	78	77	73	71	70	68	68
State of weather: Nature of precipitation and time of beginning and ending		RB 1:50P RE 2:00										
Amounts of precipitation		T										
Cloudiness and other conditions		Part Cloudy						Clear				
Sunset: Time, 7:12p Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.1	# 1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	W	W	W	W	W	NW	NW	NW	NW	NW	NW	N
Wind movement	10	9	11	12	12	11	9	6	6	5	9	5

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	65	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.5 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 50

Prevailing wind direction, W Total wind, 180

Average hourly velocity, 7.5 Extreme velocity, 16

Maximum velocity, 15 Direction, W

Time began, 2.53 p.m.

Reduced barometer, 29.84 7 a. m. 29.85 7 p. m.

River gage, 1.7 feet

Relative humidity, 95 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

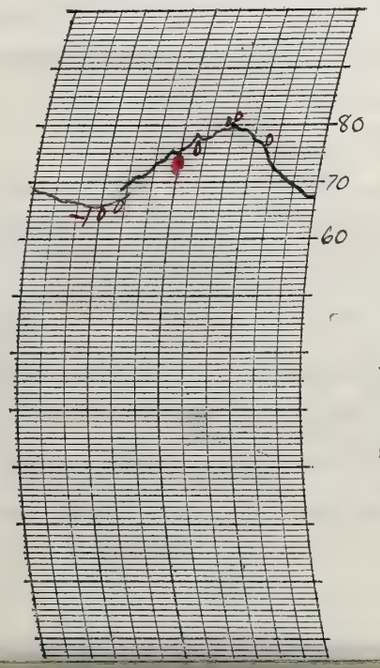
Dry temperature, 75.1 Wet temperature, 68.8

Dew-point, 66 R. humidity, 73 V. pressure, .638

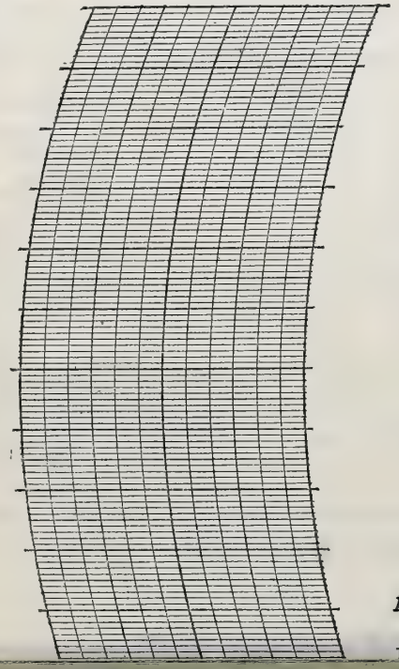
Clouds: Amount, 2; Kind, ~~st~~ cu; Direction, NW

Velocity of clouds (miles per hour)

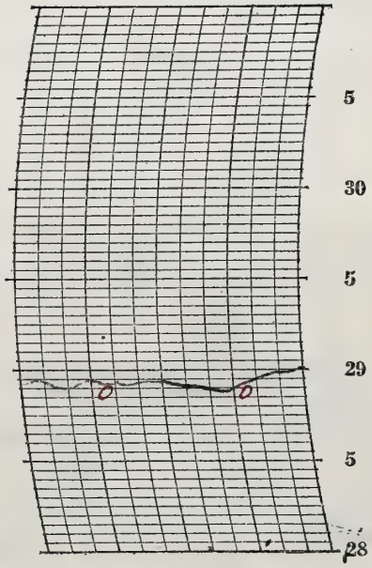
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

sunshine contact not working; data interpolated

Light fog began DN2 ended 6:30a

Form No. 1014--Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 2 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	60	58	56	57	58	59	62	65	66	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					# 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	8	8	9	8	6	7	7	9	8	10	11	10

Sunrise: Time, 4:13a; Character, Clear. Moonrise: ____

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	71	71	70	69	68	65	64	63	63	63
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X Part Cloudy				→ X Cloudy →			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0.9	0.1	0				
Wind direction	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	9	9	9	10	12	7	4	3	2	1	1

Sunset: Time, 7:12p; Character, Cloudy. Moonset: ____

Maximum velocities (exceeding 2.0 miles) direction and time ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts ____

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

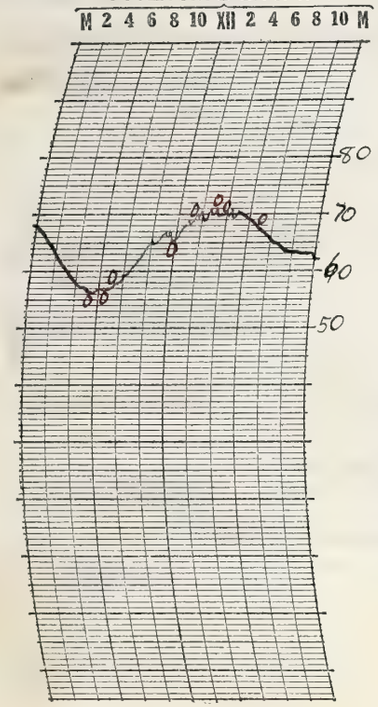
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	56	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase, ____
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 90
Prevailing wind direction, N Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 9:56 a.m.
Reduced barometer, 30.04 7 a. m. 30.05 7 p. m.
River gage, 2.3 feet
Relative humidity, 77 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 66.8 Wet temperature, 52.0
Dew-point, 38 R. humidity, 35 V. pressure, .225
Clouds: Amount, Few; Kind, cu; Direction, N
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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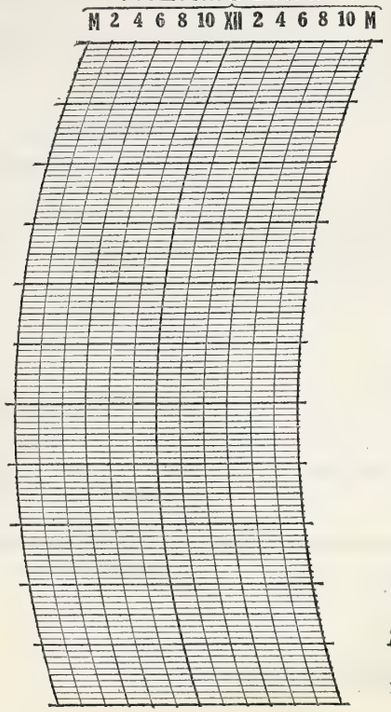
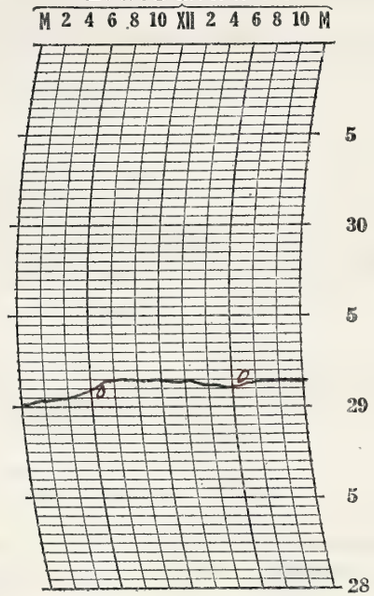


BAROGRAPH.



Prepared by ____

Verified by ____

8—486

NOTES

Sunshine contact not working adjusted at 8:30 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 3 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	59	58	60	63	66	68	71	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←	Clear				×	Pt Cldy	×
Sunshine (in tenths of hours)					0.78 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	W	SW	SW	SW	W	SW	SW	SW	W	SW	W
Wind movement	2	4	3	5	6	7	7	9	8	10	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	75	75	75	75	74	71	68	66	66	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy						×	Pt Cldy				→
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0.3	0.2	0	0				
Wind direction	W	SW	W	SW	SW	SW	SW	SW	SW	SW	S	SW
Wind movement	9	11	9	7	10	10	11	9	8	9	10	9

Sunrise: Time, 4:32 Character, Clear
Moonrise:
Sunset: Time, 7:17 p Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

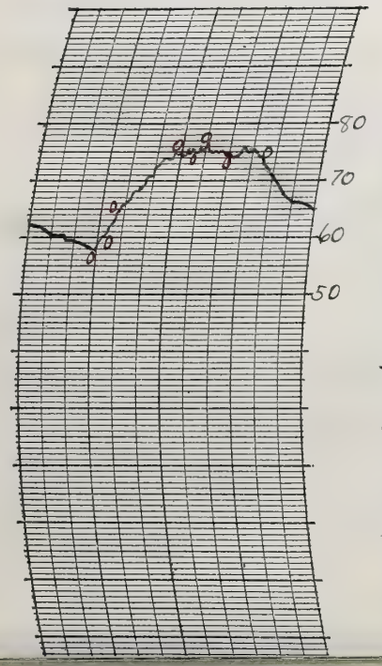
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	58	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.1 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 12:33 p.m.
Reduced barometer, 30.08 7 a. m. 29.93 7 p. m.
River gage, 2.3 feet
Relative humidity, 60 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 60.8
Dew-point, 52 R. humidity, 44 V. pressure, .387
Clouds: Amount, 8; Kind, Ac cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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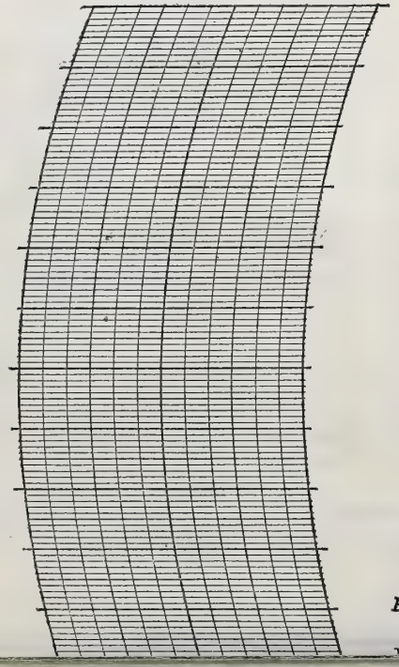
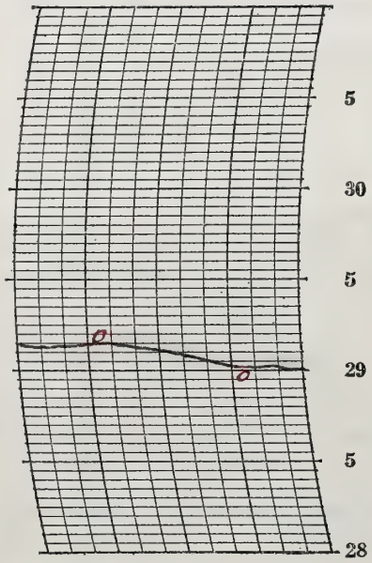


BAROGRAPH.



Prepared by

NOTES

Partly cloudy cool pleasant day
Threatening for a short time in the
late afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 4 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	62	63	65	67	72	75	76	76	80
State of weather: Nature of precipitation and time of beginning and ending											RB 10:30 RE 10:35	
Amounts of precipitation											T	
Cloudiness and other conditions					← Clear				→	Cloudy		
Sunrise: Time, 4:14a Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)					0.77 0	0.2 0.8	0.7	1.0	1.0	1.0	0.6	1.0
Wind direction	S	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	8	9	10	11	11	13	14	15	16	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	83	82	76	76	77	68	70	71	71	67
State of weather: Nature of precipitation and time of beginning and ending				RB 3:50		RE 5:10	RB 6:10 RE 6:30	RB 7:05	RE 8:20			RB 11:05 cont.
Amounts of precipitation				T	.55	T	.01	.22	T			1.68
Cloudiness and other conditions						Cloudy						→
Sunset: Time, 7:16p Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	S
Wind movement	18	18	15	15	9	4	7	11	9	9	6	9

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	62	73	

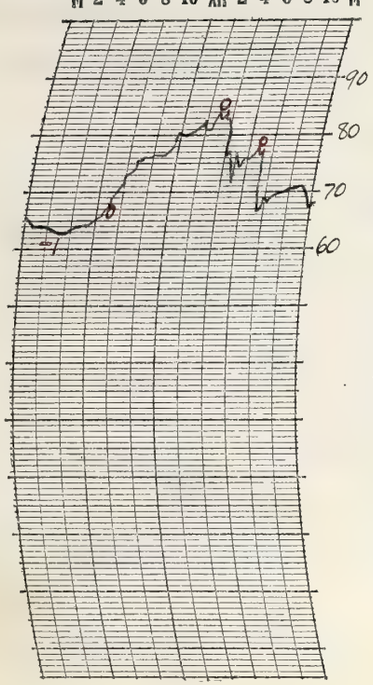
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 5.6 ins.
Total precipitation, midnight to midnight, 2.46 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 10.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 70
Prevailing wind direction, SW Total wind, 273
Average hourly velocity, 11.4 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 50 pm
Reduced barometer, 29.88 7 a. m. 29.77 7 p. m.
River gage, 2.8 fall
Relative humidity, 65 7 a. m. 81 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	11:05p	DNA of 5th	2.04	11:20p	11:55p	.02	.08	.21	.35	.62	1.22	1.47	1.63							

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 70.0
Dew-point, 65 R. humidity, 64 V. pressure, .616
Clouds: Amount, 10; Kind, St-Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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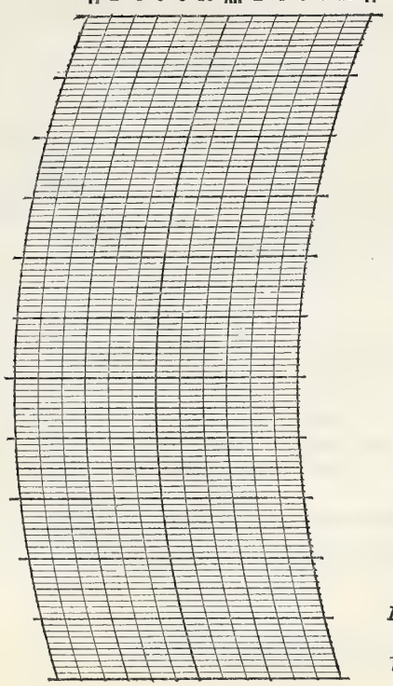
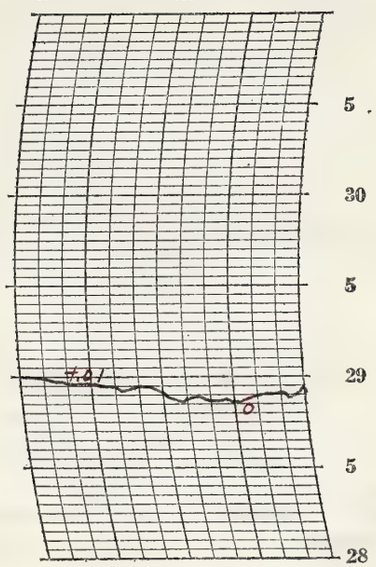


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—436

NOTES

Cloudy windy morning followed by a severe Thunderstorm in the afternoon. Thunder first heard at 3:50 pm. Streets and roads north of Fort Wayne very slippery from 3:50 p until late at night. Visibility poor and rain came in sheets at times.

Thunder was again first heard at 11:15 pm and the storm continued.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 5 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	66	66	65	66	67	70	74	77	81	82
State of weather: Nature of precipitation and time of beginning and ending	R Cont		RE DNd									
Amounts of precipitation	.22	.12	.02									
Cloudiness and other conditions				Cloudy			× Clear			Cloudy		
Sunrise: Time, 4:15 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	W	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	4	5	6	4	6	5	5	4	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	86	85	84	82	81	80	78	77	75	74	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×		Cloudy							
Sunset: Time, 7:16 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0	0				
Wind direction	S	S	S	SW	SW	S	S	S	S	S	S	S
Wind movement	6	7	8	6	6	5	3	5	3	6	6	7

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

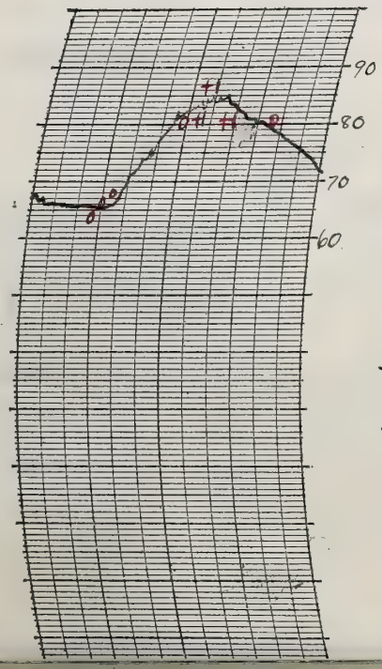
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .26 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 3.6 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 9.7 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 65
Prevailing wind direction, S Total wind, 132
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 12:43 a. m.
Reduced barometer, 29.94 7 a. m. 29.96 7 p. m.
River gage, 6.4 feet
Relative humidity, 95 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.1 Wet temperature, 65.9
Dew-point, 57 R. humidity, 42 V. pressure, .465
Clouds: Amount, 6; Kind, cist.; Direction, W.
Velocity of clouds (miles per hour)

THERMOGRAPH



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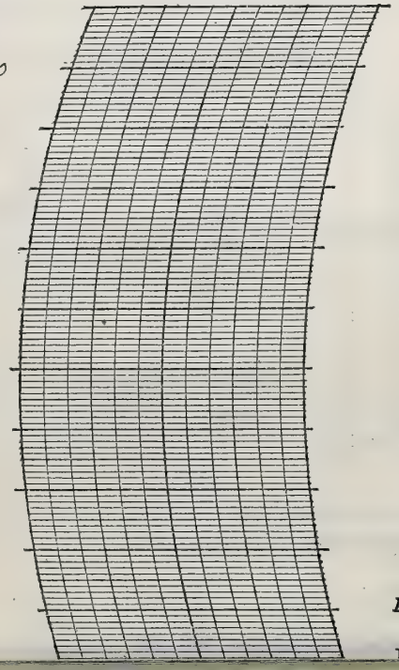
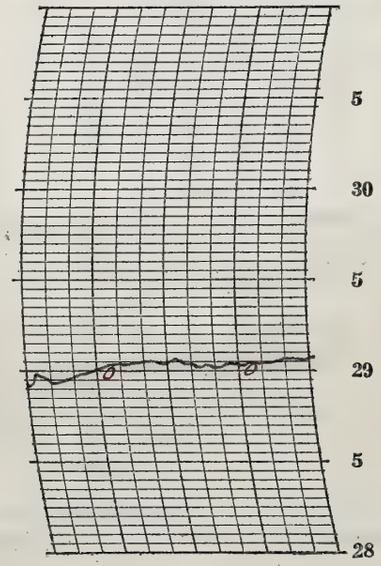


BAROGRAPH.



Prepared by

Verified by

NOTES

The rain ended sometime between two and three a.m. and was accompanied by a thunder-storm which began at 11:15 p.m. yesterday

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 6 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	69	68	67	70	73	75	76	78	79
Nature of precipitation and time of beginning and ending		RB DN2				RE DN2						
Amounts of precipitation		.01	.05	.29	.11	T						
Cloudiness and other conditions	Cloudy						Cldy	Cldy	Cldy	Cldy	Cldy	
Wind direction	S	S	S	SW	SE	SE	SE	SE	S	S	SW	SW
Wind movement	8	6	2	4	5	9	11	13	12	11	13	12
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	0.3	1.0	1.0

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	84	83	74	76	74	73	73	73	73	73	73
Nature of precipitation and time of beginning and ending				RB 3:15 RE 3:35		RB 6:10 RE 6:20			RB 8:50	RE 9:05		
Amounts of precipitation				.05		T			T	T		
Cloudiness and other conditions	Cloudy											
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	13	15	16	16	13	15	12	12	8	10	10	12
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0.5	0	0	0				

State of weather.

Sunrise: Time, 4:15 Character, Cloudy

Moonrise:

Sunset: Time, 7:16 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .46 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .51 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 8.9 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 59

Prevailing wind direction, SW Total wind, 258

Average hourly velocity, 10.8 Extreme velocity, 22

Maximum velocity, 22 Direction, SW

Time began, 3:16 p.m.

Reduced barometer, 29.93 7 a. m., 29.91 7 p. m.

River gage, 6.6 feet

Relative humidity, 89 7 a. m. 84 7 p. m.

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

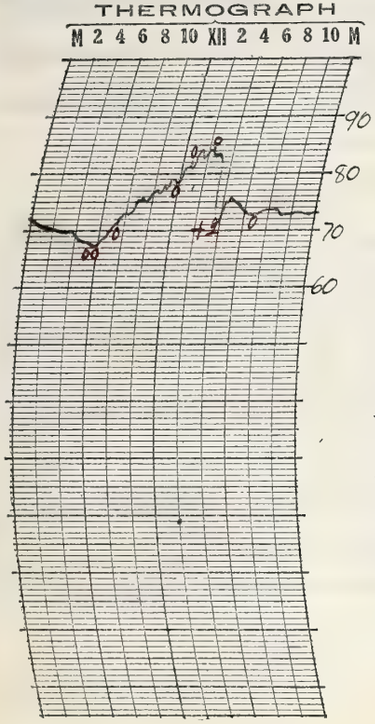
Dry temperature, 77.2 Wet temperature, 72.2

Dew-point, 69 R. humidity, 76 V. pressure, .707

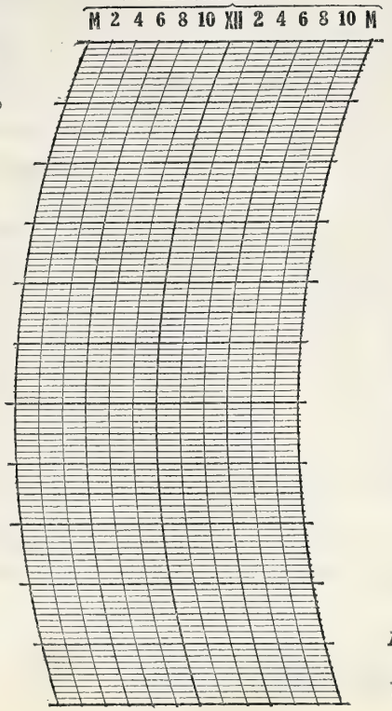
Clouds: Amount, 4; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

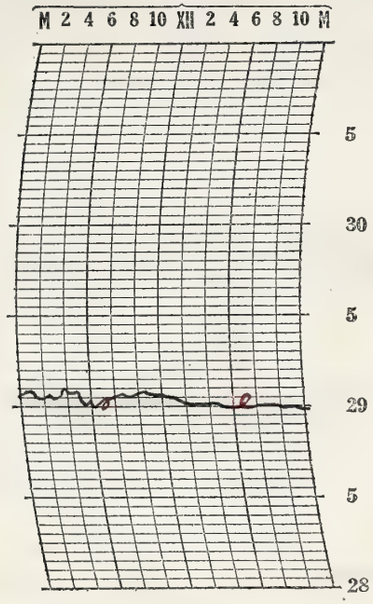
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJL

Verified by EZA

8—486

NOTES

Cloudy threatening day with light showers at and in the vicinity of the station during the afternoon and early evening.

A faint 22° solar halo was observed around noon.

Thunder was first heard at 8:50 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	72	72	72	73	74	76	77	78	79	80	82	81	81	81	81	79	76	74	72	70	70	70
State of weather: Nature of precipitation and time of beginning and ending	RB 12:25	AE DNL				RB 5,40 AE 5:50																		
Amounts of precipitation	25	01				T																		
Cloudiness and other conditions	Cloudy												Cloudy											

Sunrise: Time, 4:16 Character, Cloudy
Moonrise:
Sunset: Time, 7:16 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0.2	0.3	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	WW	WW	WNW	NW	NW	W
Wind movement	10	11	13	14	12	10	11	13	15	18	16	13	14	13	12	11	11	9	9	6	3	4	2	1

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

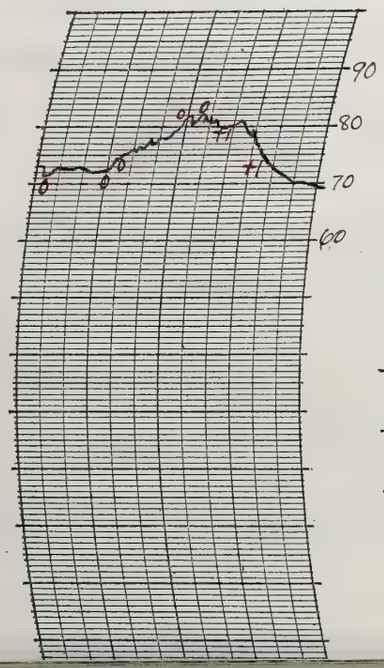
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	70	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .26 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 10.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 71
Prevailing wind direction, SW Total wind, 251
Average hourly velocity, 10.5 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 10:30 a.m.
Reduced barometer, 29.87 7 a. m. 29.77 7 p. m.
River gage, 7.7 feet
Relative humidity, 85 7 a. m. 66 7 p. m.

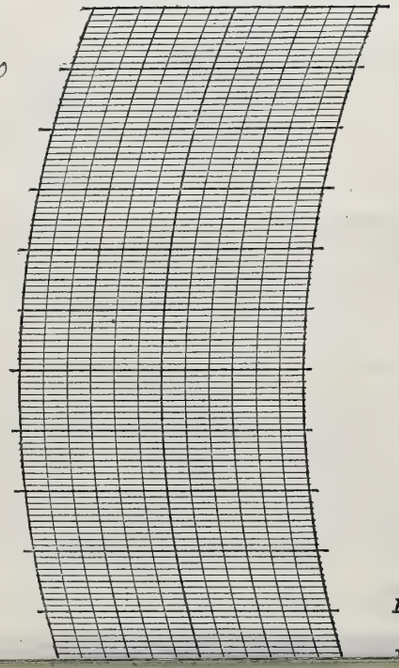
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 80.5 Wet temperature, 74.5
Dew-point, 72 R. humidity, 76 V. pressure, 28.3
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

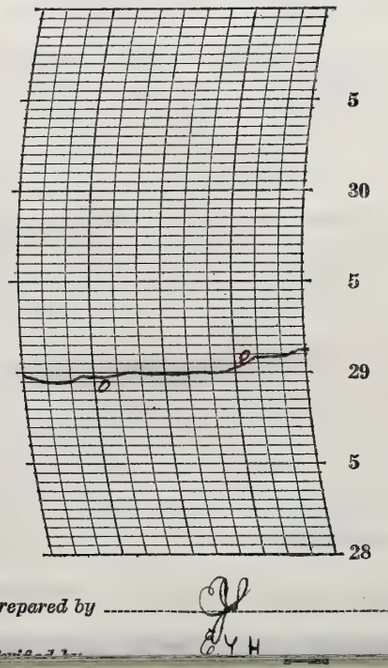
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

Rainy until a little after sunrise then mostly cloudy threatening day but no showers occurred during the day close to the station. A brilliant rainbow was observed in the early morning for a short time. It first heard 12:25 a.m.

Form No. 1014—Met'l

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 3 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	66	65	65	70	72	74	77	80	81	83	84	84	86	85	81	80	77	75	74	73	73	72
State of weather: Nature of precipitation and time of beginning and ending																								RB DNP RE DNP
Amounts of precipitation																								T
Cloudiness and other conditions					←				Part		Cloudy													→
Sunshine (in tenths of hours)					0.73 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	NW	NW	SW	W	W	O	W	E	SE	SE	SW	SW	SW	S	S	S	S	SW	S	S	S	S	SW	S
Wind movement	1	1	2	1	1	0	2	4	4	5	5	4	5	6	7	10	11	10	8	8	7	9	7	8

Sunrise: Time, 4:16 Character, Clear
Moonrise:
Sunset: Time, 7:15 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

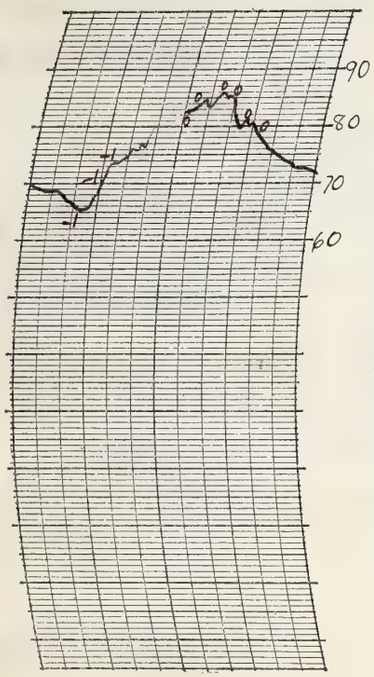
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 91
Prevailing wind direction, S Total wind, 126
Average hourly velocity, 5.2 Extreme velocity, 19
Maximum velocity, 17 Direction, S
Time began, 3:47 p.m.
Reduced barometer, 30.08 7 a. m. 29.97 7 p. m.
River gage, 7.3 feet
Relative humidity, 75 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.1 Wet temperature, 70.9
Dew-point, 65 R. humidity, 55 V. pressure, .616
Clouds: Amount, 6; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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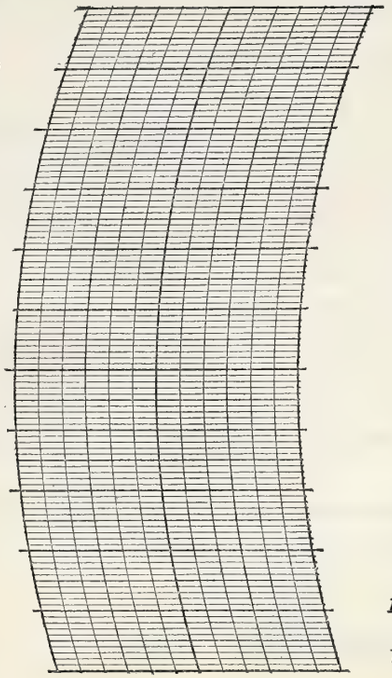
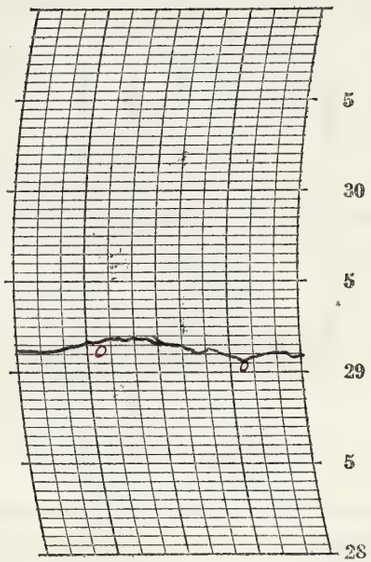


BAROGRAPH.



Prepared by EH
Verified by EZH.

NOTES

Light smoke 5:00 a.m. – 6:30 a.m.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 9 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	69	69	68	70	72	73	72	73	74	74	76	80	72	77	77	75	76	75	73	71	71	70
State of weather: Nature of precipitation and time of beginning and ending									RS Bve RF Bve						RD 2:20 RF 2:30									
Amounts of precipitation									T						0.19									
Cloudiness and other conditions					← PC	Cldy	X	Cldy	→				X	PCldy	X	Cloudy	→							

Sunrise: Time, 4:17 Character, Clear

Moonrise:

Sunset: Time, 7:15 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0.72 0	0.4 0.3	0.7	0.8	0	0.4	0.3	0	0.8	1.0	0.7	1.0	0.7	0	0	0				
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	8	8	8	6	6	6	8	10	10	11	11	10	10	10	8	4	6	5	3	4	5	7	5	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	68	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 1.9 ins.

Total precipitation, midnight to midnight, 1.9 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.8 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 52

Prevailing wind direction, SW Total wind, 175

Average hourly velocity, 7.3 Extreme velocity, 15

Maximum velocity, 15 Direction, SW

Time began, 8:36 a m

Reduced barometer, 30.01 7 a. m. 30.05 7 p. m.

River gage, 6.2 feet

Relative humidity, 88 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

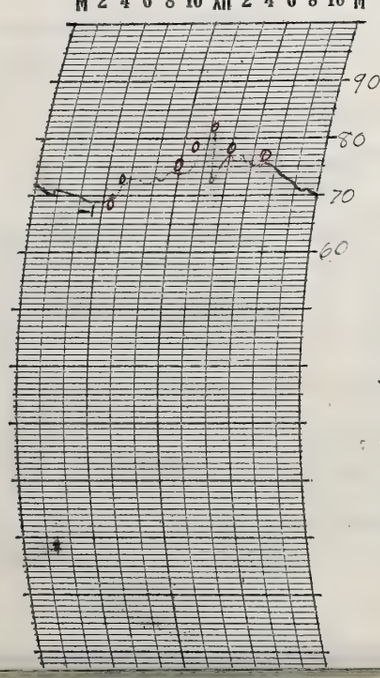
Dry temperature, 74.2 Wet temperature, 70.3

Dew-point, 68 R. humidity, 82 V. pressure, .654

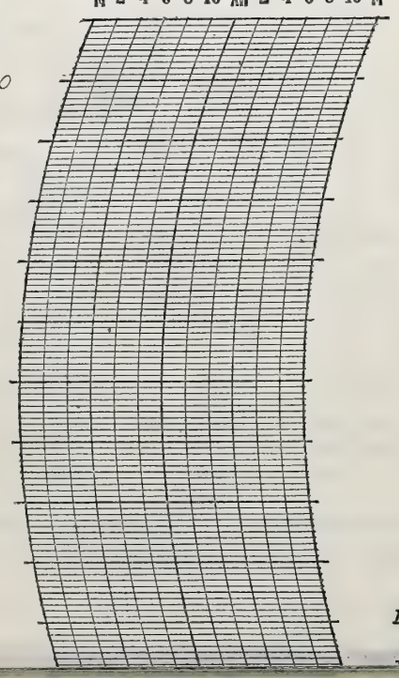
Clouds: Amount, 10; Kind, Stcu; Direction, W

Velocity of clouds (miles per hour)

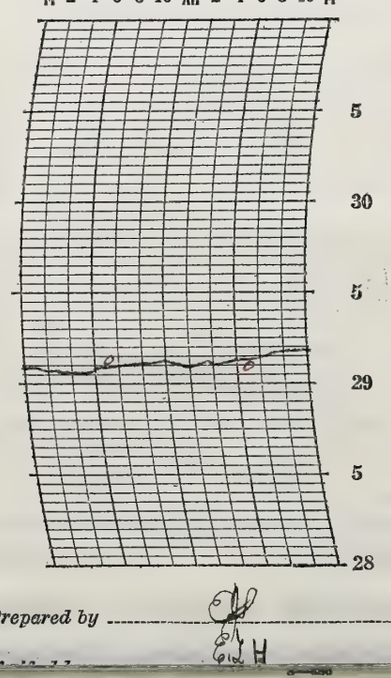
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

NOTES

A mostly cloudy day with a few drops of rain sometime between 8 and 9 am in the morning, and a brisk shower between 2:20 p m and 2:30 p m. Temperatures near normal.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 10 1929, 192

Time (local standard) mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	65	63	65	68	70	71	73	74	75	77	79	80	79	77	76	75	71	71	70	69	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear								Partly cloudy				→
Sunshine (in tenths of hours)					0.70 C	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	W	W	W	NW	NW	NW	N	N	N	NW	N	N	N	NW	N	N	NE	N	NE	NE	E	E	E	E
Wind movement	5	5	5	7	5	5	6	7	7	8	7	7	6	7	5	6	6	7	5	4	3	3	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:18 Character, Clear
Moonrise:
Sunset: Time, 7:15 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 92
Prevailing wind direction, N Total wind, 134
Average hourly velocity, 5.6 Extreme velocity, 9
Maximum velocity, 9 Direction, NW
Time began, 9:22 a. m.
Reduced barometer, 30.21 7 a. m. 30.21 7 p. m.
River gage, 5.1 fall
Relative humidity, 66 7 a. m. 48 7 p. m.

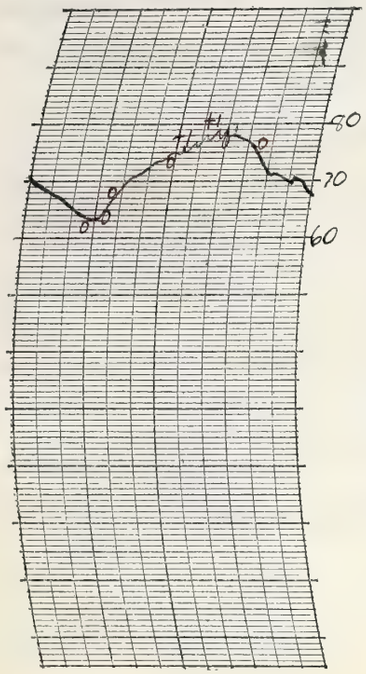
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

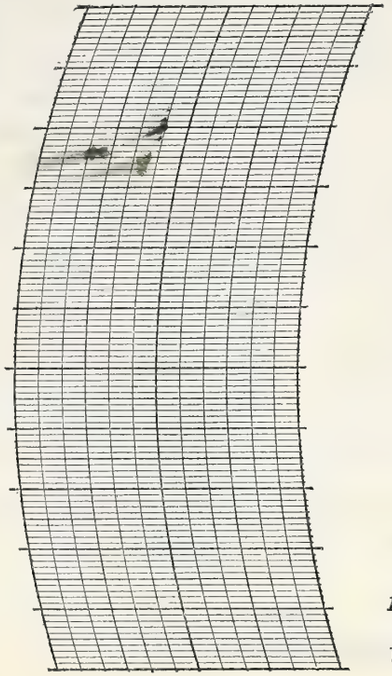
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 75.2 Wet temperature, 59.8
Dew-point, 47 R. humidity, 40 V. pressure, 347
Clouds: Amount, Few; Kind, Cu.; Direction, N.
Velocity of clouds (miles per hour)

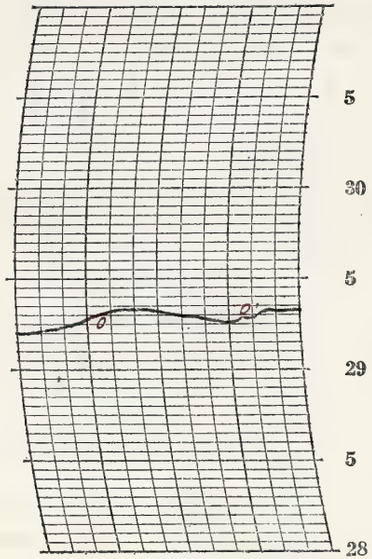
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by E.L.H.

8—486

NOTES

A clear beautiful day with increasing cloudiness from 5.20 pm on - high clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 11 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	63	61	61	63	65	67	69	72	75	77	80	81	80	71	69	70	70	69	69	69	69	69
State of weather: Nature of precipitation and time of beginning and ending																RB 3:30 RE 3:45	RB 4:03						RE Drp	
Amounts of precipitation																T	.28	T	.06	.03	.01	.03	.01	
Cloudiness and other conditions					<Cloudy			×			Part Cloudy				×		Cloudy							>
Sunshine (in tenths of hours)					0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	NE	SE	S	SE	SE	E	S	S	S	SE	SE	SE	SE
Wind movement	4	4	4	5	6	6	5	5	5	6	4	6	5	4	4	10	6	6	6	3	3	4	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:18 Character, Cloudy
Moonrise:
Sunset: Time, 7:14 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

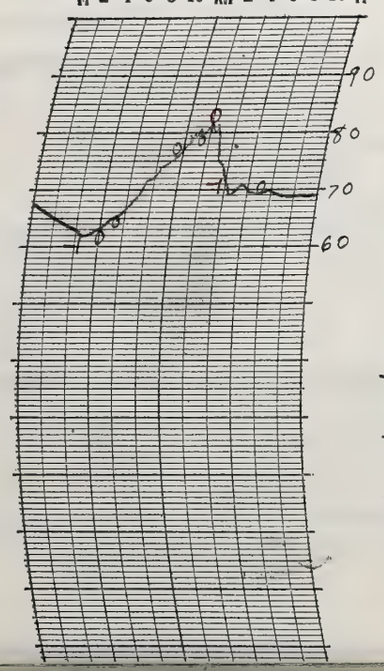
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .33 ins.
Total precipitation, midnight to midnight, .42 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.3 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 49
Prevailing wind direction, E Total wind, 119
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SE
Time began, 3:37 pm
Reduced barometer, 30.28 7 a. m. 30.21 7 p. m.
River gage, 4.9 feet
Relative humidity, 86 7 a. m. 91 7 p. m.

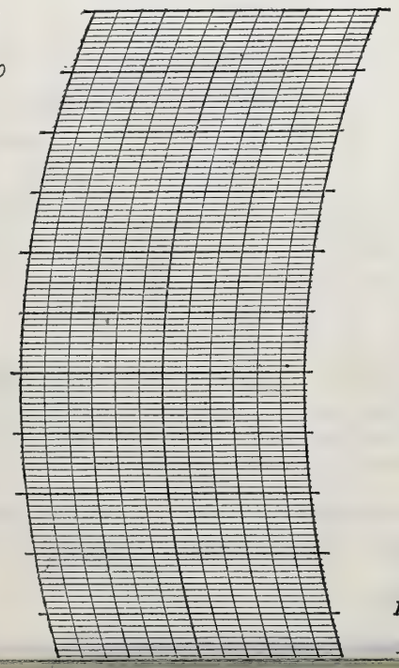
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.8 Wet temperature, 68.8
Dew-point, 65 R. humidity, 67 V. pressure, .616
Clouds: Amount, Few 6; Kind, Cu 3 Cu; Direction, W
Velocity of clouds (miles per hour)

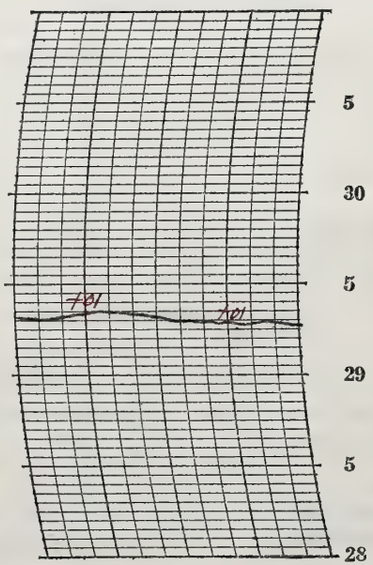
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

Streets very slippery and visibility very poor from 4:03 pm until midnight. A sprinkle fell between 3:30 p and 3:45 p.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	67	67	69	70	72	76	80	82	83	82	81	84	85	83	82	81	79	77	77	75	75
State of weather: Nature of precipitation and time of beginning and ending														RB 1:20 RE 1:30										
Amounts of precipitation														0.2										
Cloudiness and other conditions					← Cloudy					×	Pt Cldy			×		Part Cloudy						→		
Sunrise: Time, Character	4:19 Cloudy																				Sunset: Time, Character	7:14 Cloudy		
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.1	0.8	1.0	1.0	1.0	1.0	0.8	0.5	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	S	S	S	S	S	S	SE	S	SW	SW	SW	SW	SW	S	SW	SW	S	S	S	S	S	S	S	S
Wind movement	4	4	3	3	3	3	3	4	6	5	6	6	7	8	7	6	6	8	7	6	7	7	7	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

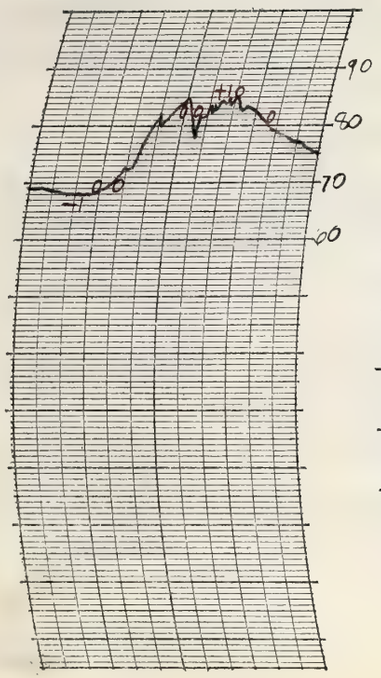
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.9 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.6 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 71
Prevailing wind direction, S Total wind, 132
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:15 pm
Reduced barometer, 30.25 7 a. m. 30.14 7 p. m.
River gage, 7.8 feet
Relative humidity, 91 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.1 Wet temperature, 73.0
Dew-point, 69 R. humidity, 62 V. pressure, .707
Clouds: Amount, 6; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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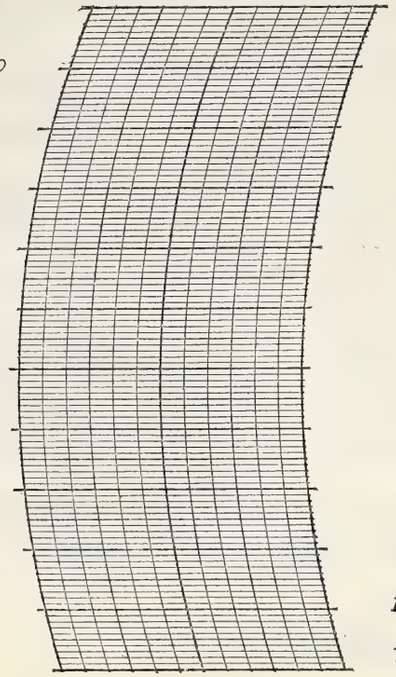
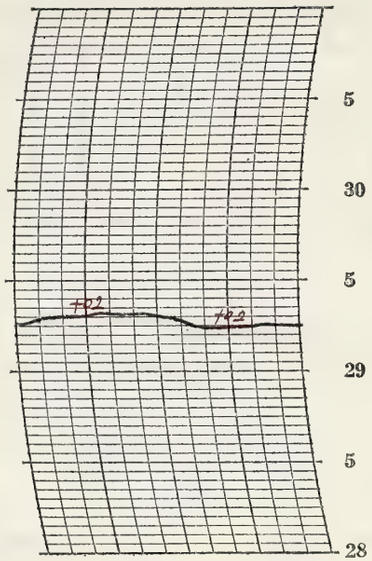


BAROGRAPH.



Prepared by

Verified by E. H.

8—436

NOTES

Mostly cloudy showery day. Partly cloudy at night. Showers very scattered and precipitation at the station, quite heavy showers occurred in the south and northeast sections of the city both in the morning and the afternoon. E.H.
Thunder first heard at 1:12 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 13 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	73	72	71	71	73	75	77	79	80	25	81
State of weather: Nature of precipitation and time of beginning and ending										RB 9:40 RT 9:35		RB 11:58
Amounts of precipitation										.09		T
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, 4:20 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	0.3	1.0
Wind direction	SW	SW	SW	S	SW	S	SW	SW	SW	SW	SE	S
Wind movement	0	6	5	5	5	5	7	7	7	8	8	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	84	83	83	80	82	77	77	76	76	75	73	72
State of weather: Nature of precipitation and time of beginning and ending	RE 12:02											
Amounts of precipitation	T											
Cloudiness and other conditions							→ PCldy					
Sunset: Time, 7:13 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0.6	0	0	0				
Wind direction	W	SW	W	N	N	SE	W	W	W	SW	SW	SW
Wind movement	8	8	11	6	3	5	4	4	4	5	4	4

Maximum velocities (exceeding 2.1 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	71	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 9.3 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 62

Prevailing wind direction, SW Total wind, 141

Average hourly velocity, 5.9 Extreme velocity, 14

Maximum velocity, 13 Direction, SW

Time began, 10:09 am

Reduced barometer, 30.10 7 a. m. 30.06 7 p. m.

River gage, 5.1 feet

Relative humidity, 89 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

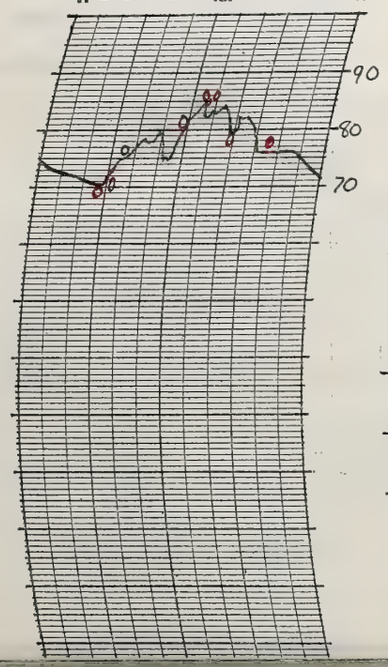
Dry temperature, 80.9 Wet temperature, 74.9

Dew-point, 73 R. humidity, 76 V. pressure, .810

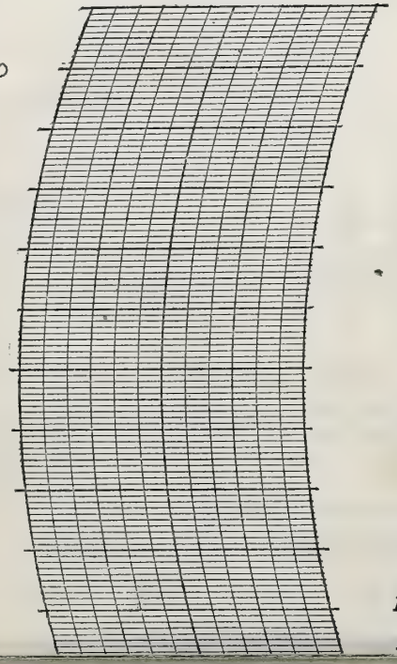
Clouds: Amount, 6 4 Kind, Cu Direction, W

Velocity of clouds (miles per hour)

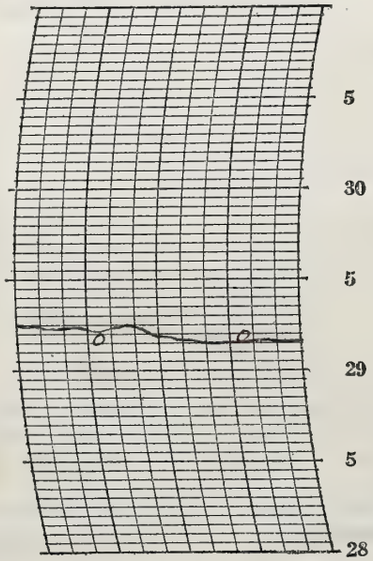
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

NOTES

☒ first heard from SW at 9:50 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 14 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	67	67	69	70	71	75	74	76	77
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Part	Cloudy			
Sunshine (in tenths of hours)					0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	W	NW	NW	W	N	N	N	N	N	N	N	NE
Wind movement	6	6	5	7	5	7	7	6	7	7	8	10
Maximum velocities (exceeding ___ miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	77	78	78	78	75	74	70	68	67	65	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cldy		Pt Cldy			Cldy			→	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE
Wind movement	10	10	10	10	9	8	5	7	6	5	5	6
Maximum velocities (exceeding ___ miles) direction and time												

State of weather.

Sunrise: Time, 4:21 Character, Cloudy
Moonrise:

Sunset: Time, 7:13 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	64	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 12.4 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 83
Prevailing wind direction, NE Total wind, 172
Average hourly velocity, 7.2 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 3:55 p.m.
Reduced barometer, 30.19 7 a. m. 30.21 7 p. m.
River gage, 4.7 feet
Relative humidity, 68 7 a. m. 58 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

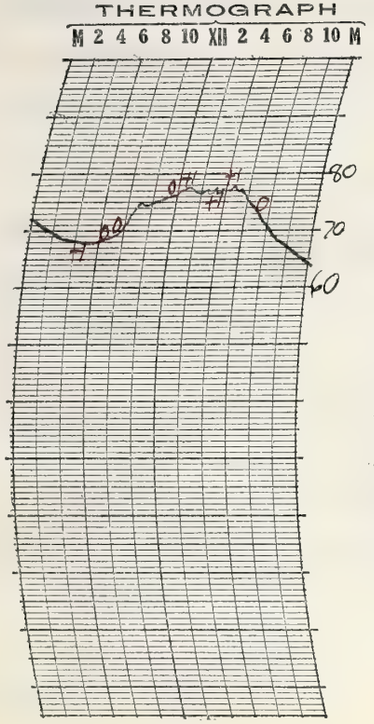
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

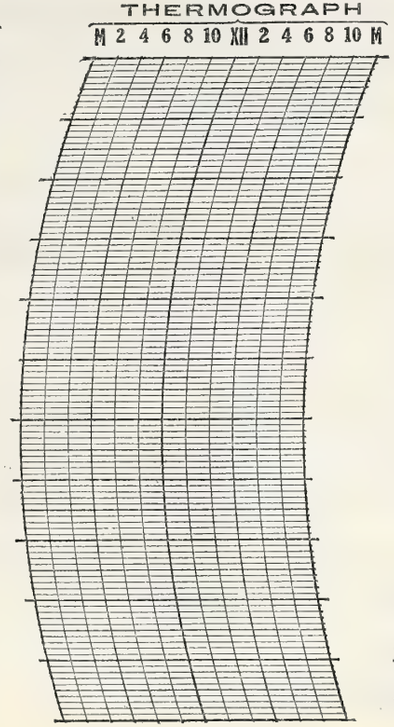
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.4 Wet temperature, 63.9
Dew-point, 56 R. humidity, 47 V. pressure, .448
Clouds: Amount, 7; Kind, Cirr.; Direction, NW
Velocity of clouds (miles per hour)

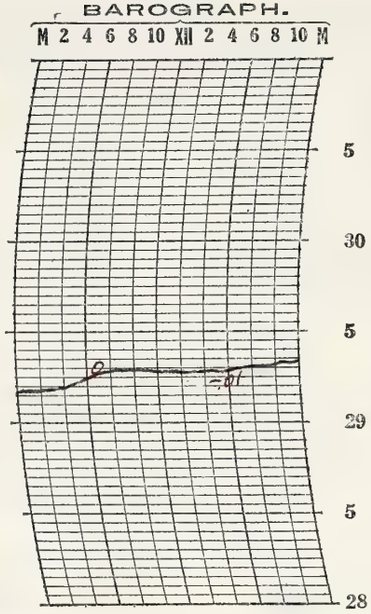
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.

Verified by E.L.H.

NOTES

A partial 22° solar halo was observed from around noon until about 2:00 p.m.

8—486

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 1 3 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	59	58	58	59	60	62	72	73	73	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy				Pt Cldy			
Sunshine (in tenths of hours)					0	0	0	0.8	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	E
Wind movement	6	8	5	6	6	5	4	5	8	8	7	9

Sunrise: Time, 4:21 Character, Cloudy

Moonrise:

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	76	77	78	77	76	74	72	70	66	65	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.20 0				
Wind direction	E	E	E	NE	E	NE	NE	NE	NE	E	E	E
Wind movement	7	7	7	7	7	6	7	5	7	7	6	5

Sunset: Time, 7:12 Character, Clear

Moonset:

Maximum velocities (exceeding 2.1 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 12.0 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 81

Prevailing wind direction, NE Total wind, 155

Average hourly velocity, 6.5 Extreme velocity, 12

Maximum velocity, 12 Direction, E

Time began, 9:09 a.m.

Reduced barometer, 30.26 7 a. m., 30.18 7 p. m.

River gage, 4.0 feet

Relative humidity, 78 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

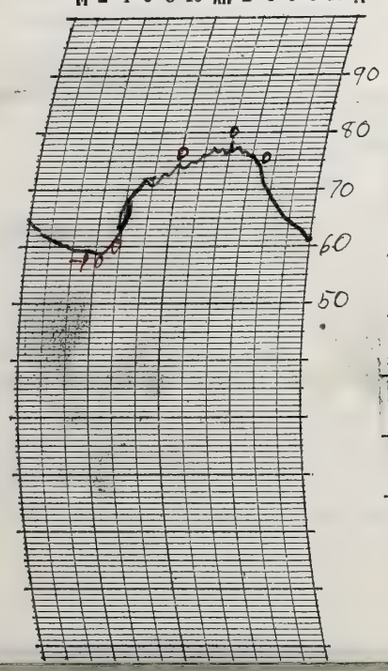
Dry temperature, 74.1 Wet temperature, 58.8

Dew-point, 48 R. humidity, 39 V. pressure, 334

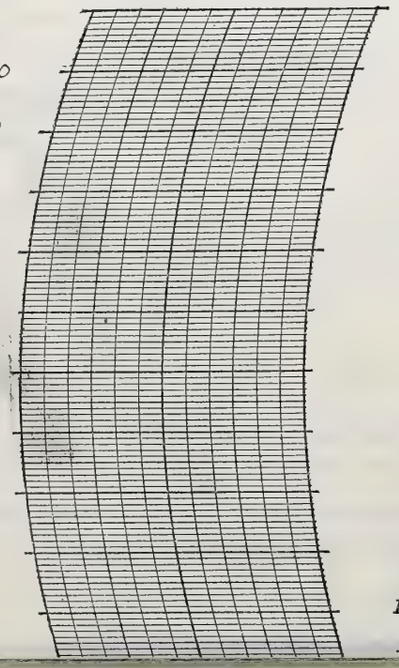
Clouds: Amount, 3; Kind, cirr.; Direction, NW

Velocity of clouds (miles per hour)

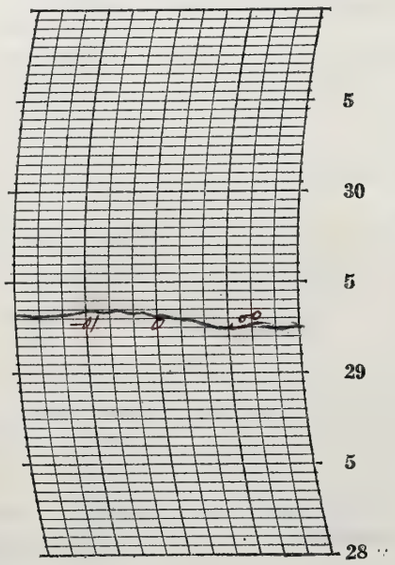
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

Clear, warm, beautiful day.
Mostly clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 16 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	57	57	56	57	63	67	72	75	77	78	79	80	82	81	80	80	79	76	74	70	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear											→
Sunshine (in tenths of hours)					0.63 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.18 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	E	E	NE	E	NE	E	NE	NE	NE	E	E	E	E
Wind movement	3	4	4	5	3	4	5	3	4	6	6	5	4	7	4	4	4	4	3	2	2	3	3	3
Maximum velocities (exceeding 22 miles) direction and time																								

Sunrise: Time, 4:22 Character, Clear
Moonrise:
Sunset: Time, 7:11 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

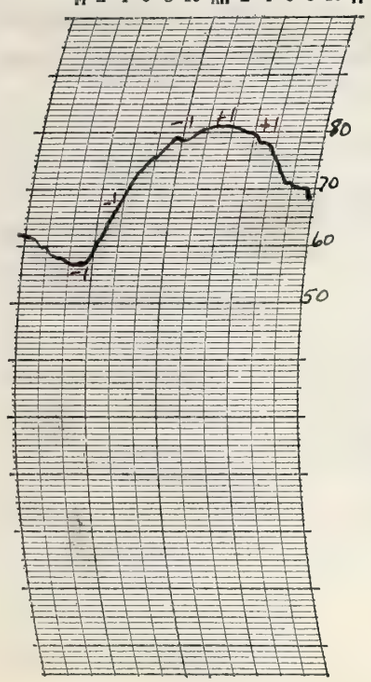
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	56	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 95
Average hourly velocity, 4.0 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 12:43 p.m.
Reduced barometer, 30.16 7 a. m. 30.05 7 p. m.
River gage, 3.1 fall
Relative humidity, 74 7 a. m. 57 7 p. m.

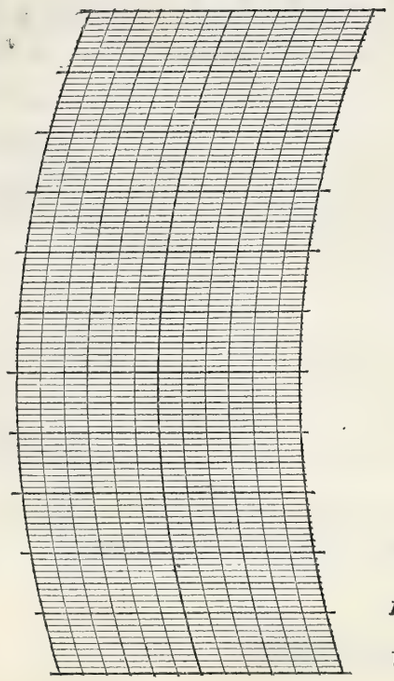
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 59.8
Dew-point, 47 R. humidity, 34 V. pressure, 322
Clouds: Amount, 3; Kind, Ci; Direction, NE
Velocity of clouds (miles per hour)

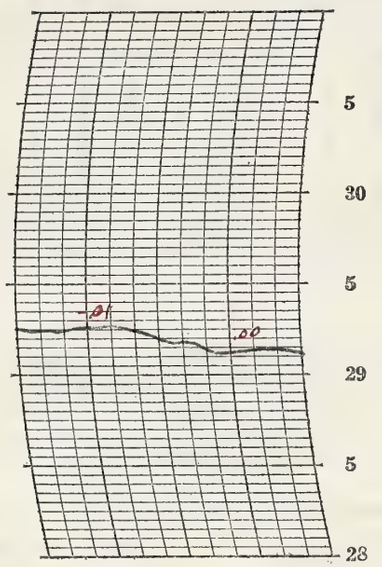
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E. L. H.

8—486

NOTES

Clear warm beautiful day mostly clear at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	65	64	64	70	70	75	79	83	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←				Clear			
Sunshine (in tenths of hours)					0.6 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	SE	SE	SE	SE	SE	SE	SE	SW	S	S
Wind movement	4	4	4	3	3	1	1	3	4	4	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	86	87	85	84	84	82	78	76	75	73	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×		Part		Cloudy		→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0				
Wind direction	SW	W	SW	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	6	5	6	8	7	7	6	5	5	5	5	6

Sunrise: Time, 4:23 Character, Clear

Moonrise:

Sunset: Time, 7:11 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.6 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 99

Prevailing wind direction, SW Total wind, 112

Average hourly velocity, 4.7 Extreme velocity, 9

Maximum velocity, 9 Direction, SW.

Time began, 3:05 p.m.

Reduced barometer, 30.047 a. m. 29.887 7 p. m.

River gage, 2.1 feet

Relative humidity, 66 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

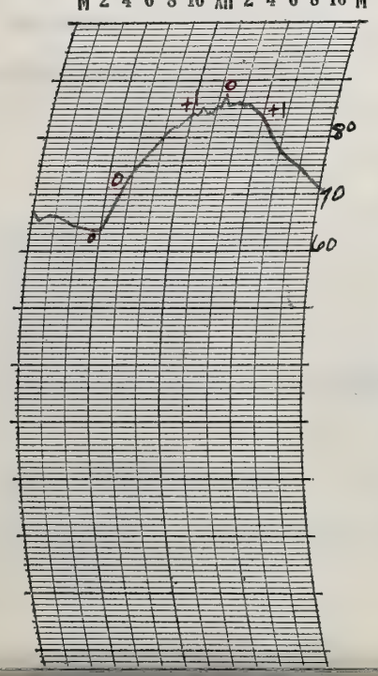
Dry temperature, 85.1 Wet temperature, 65.0

Dew-point, 53 R. humidity, 32 V. pressure, 402

Clouds: Amount, 1; Kind, ci; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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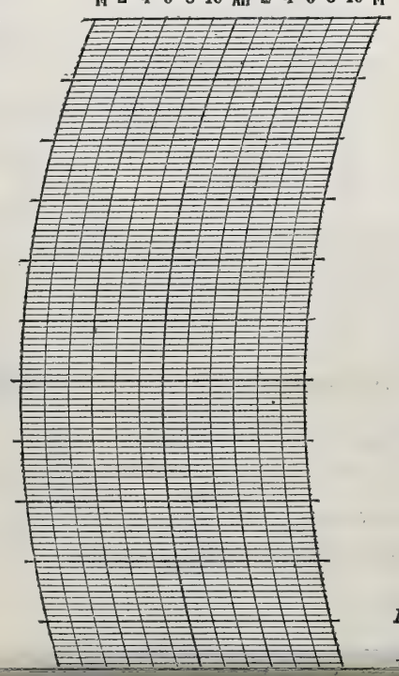
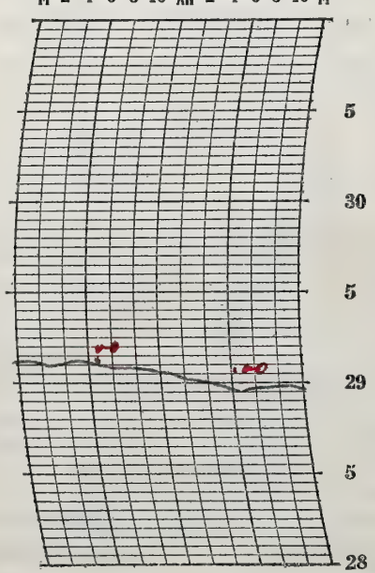


BAROGRAPH.



Prepared by

NOTES

Mostly clear, warm, beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 18 1929, 192

90

Time (local standard) ____ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	69	68	67	68	70	78	80	79	81	83	84	85	84	84	80	79	76	73	70	69	68	67
State of weather: Nature of precipitation and time of beginning and ending										RB 9:48 R 9:52														
Amounts of precipitation										T														
Cloudiness and other conditions					←		Part		Cloudy							→			Clear			→		
Sunrise: Time, 4:24 Character, Cloudy																					Sunset: Time, 7:10 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	8	7	8	7	7	6	7	9	13	11	11	12	11	11	13	14	11	10	8	9	9	10
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.1 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 82
Prevailing wind direction, SW Total wind, 226
Average hourly velocity, 9.4 Extreme velocity, 19
Maximum velocity, 18 Direction, NE
Time began, 4:50 pm
Reduced barometer, 29.85 7 a. m. 29.89 7 p. m.
River gage, 2.0 for
Relative humidity, 71 7 a. m. 55 7 p. m.

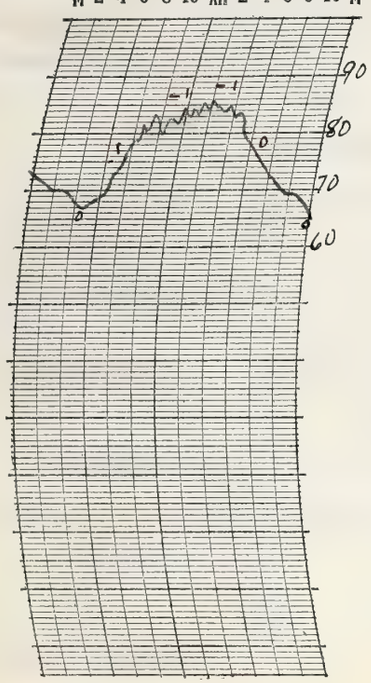
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

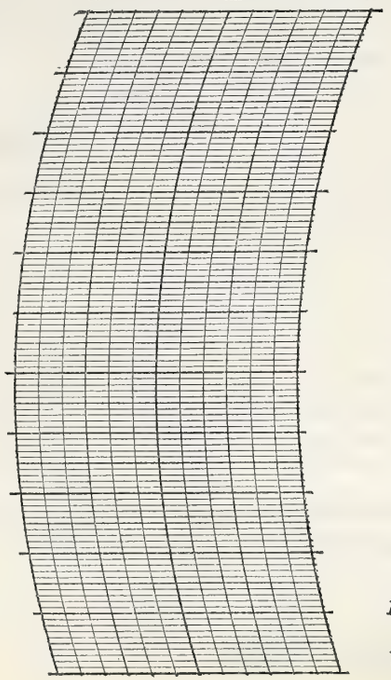
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.8 Wet temperature, 70.9
Dew-point, 65 R. humidity, 56 V. pressure, 616
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

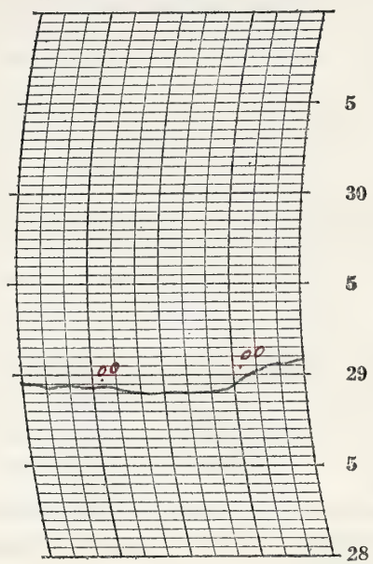
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS.
Verified by EEH.

8—486

NOTES

Part Cloudy in morning and threatening for a short period from 9:45 a.m. to 11:15 a.m. Mostly Clear in P.M.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	58	56	55	56	58	60	61	62	64	65	67	68	68	69	69	68	66	63	60	58	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.56 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.15 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	13	10	10	11	11	11	16	15	13	15	12	15	13	14	13	13	10	6	6	5	7	7	6

Sunrise: Time, 4:25 Character, Clear
Moonrise:
Sunset: Time, 7:09 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

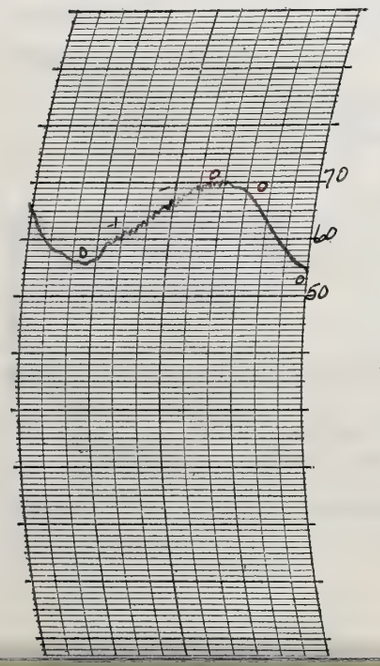
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 14.7 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 263
Average hourly velocity, 11.0 Extreme velocity, 22
Maximum velocity, 20 Direction, NE
Time began, 7:39 a.m.
Reduced barometer, 30.15 7 a. m. 30.19 7 p. m.
River gage, 1.8 feet
Relative humidity, 58 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 64.9 Wet temperature, 54.1
Dew-point, 37 R. humidity, 37 V. pressure, .219
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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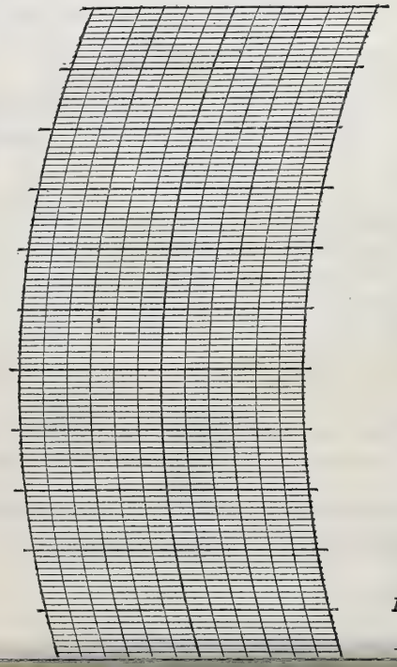
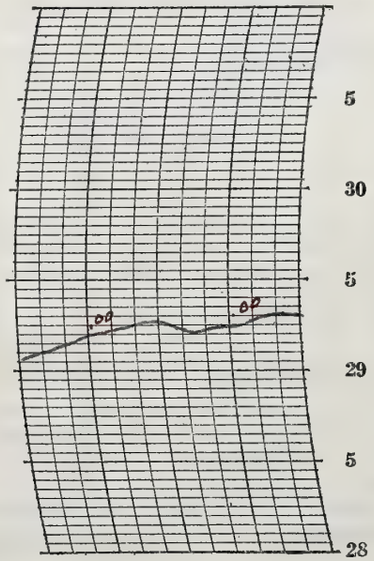


BAROGRAPH.



Prepared by [illegible]

Verified by

NOTES

Clear cool day. A little too cool to be pleasant. Clear and cool at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 20 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	51	50	52	56	60	64	65	67	68	70	71	72	72	71	71	70	66	62	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear												X pt cldy				X				Clear →			
Sunshine (in tenths of hours)					0.57 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.15 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	NE	NE	E	E	E	E	E	E	NE	NE	E
Wind movement	7	7	6	5	5	4	4	9	10	12	11	9	9	10	9	7	6	7	4	4	6	6	6	5
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 4:26 Character, Clear
Moonrise: ——— ———
Sunset: Time, 7:09 Character, Clear
Moonset: ——— ———

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

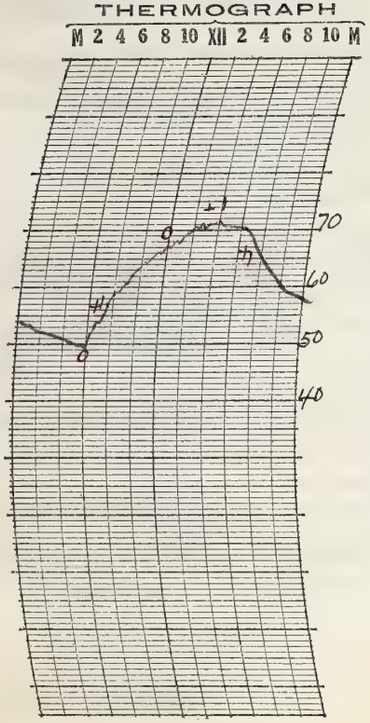
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	50	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ———
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.7 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 100 %
Prevailing wind direction, E Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 15
Maximum velocity, 15 Direction, E
Time began, 9:34 am ———
Reduced barometer, 30.32 7 a. m. 30.26 7 p. m.
River gage, 1.9 feet
Relative humidity, 68 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 53.2
Dew-point, 39 R. humidity, 35 V. pressure, 23.7
Clouds: Amount, 3; Kind, Ci; Direction, N
Velocity of clouds (miles per hour) ———

THERMOGRAPH



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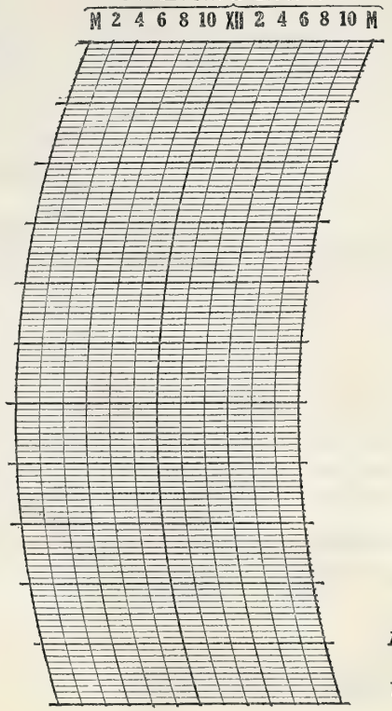
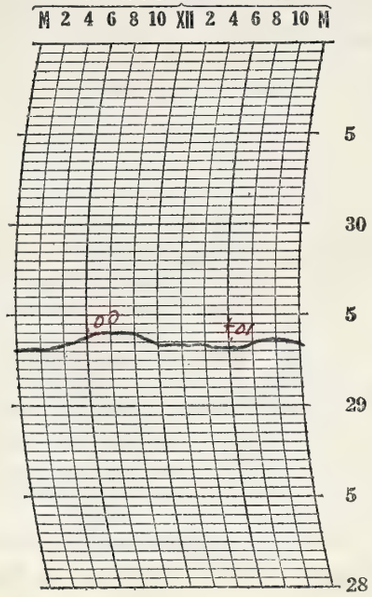


BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Clear cool beautiful day. Clear and pleasant at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	55	55	55	55	60	64	69	72	74	78	79	80	82	81	81	80	79	75	71	69	68	64
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
	Sunrise: Time, 4:27 Character, Clear																				Sunset: Time, 7:08 Character, Clear			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)					.55 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.3 0				
Wind direction	E	E	E	E	E	NE	NE	E	NE	NE	E	E	SE	SE	SE	E	E	E	E	E	E	E	E	E
Wind movement	7	3	4	5	4	5	5	3	4	4	5	5	5	4	5	4	5	3	3	4	3	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	55	68	

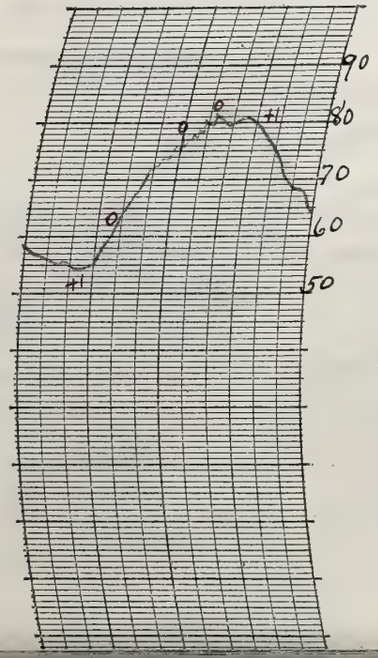
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 14.7 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 100
Prevailing wind direction, 50 Total wind, 101
Average hourly velocity, 101 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 12.01 am
Reduced barometer, 30.30 7 a. m., 30.19 7 p. m.
River gage, 1.7 feet
Relative humidity, 76 7 a. m. 38 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.5 Wet temperature, 59.5
Dew-point, 46 R. humidity, 34 V. pressure, .310
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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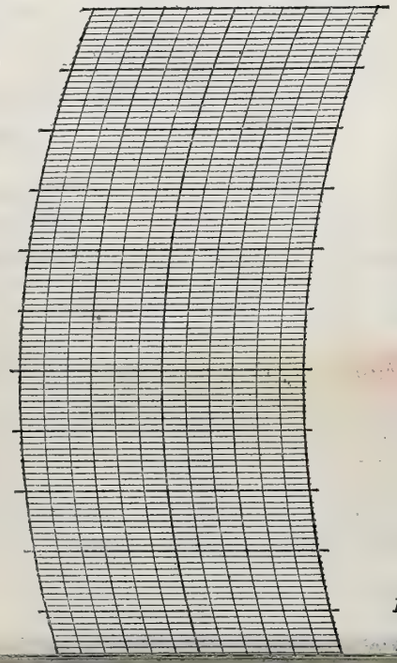
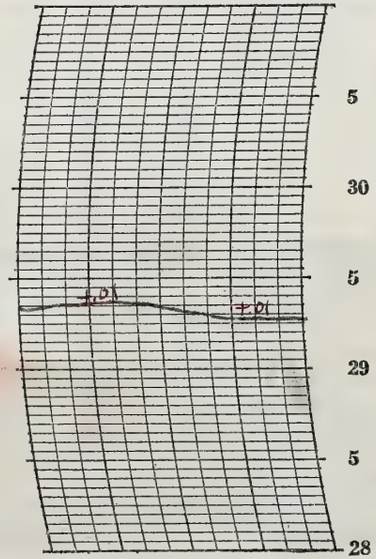


BAROGRAPH.



Prepared by E.L.H
E.L.H

NOTES

Clear, warm, beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	59	58	61	64	74	79	82	83	84	85	87	87	87	86	85	83	80	77	75	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)					55 / 0	0.3 / 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 / 0.6	0 / 0.0				
Wind direction	E	E	E	E	E	E	E	E	S	S	SW	SW	S	SW	SW	W	S	S	S	S	S	S	S	S
Wind movement	4	3	1	2	2	2	2	2	4	6	5	5	5	7	5	4	6	5	5	3	5	4	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:27 Character, Clear
Moonrise:
Sunset: Time, 7:07 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

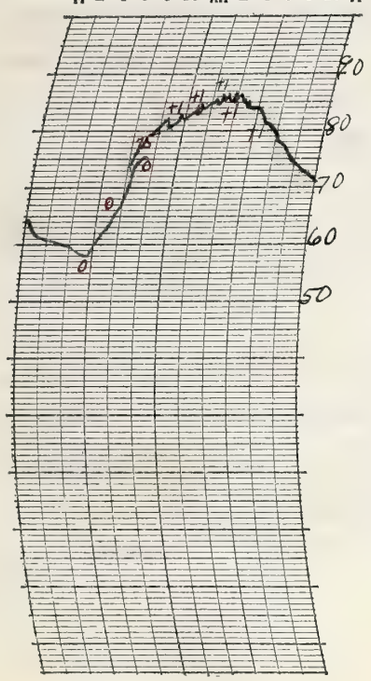
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	58	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.7 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 96
Average hourly velocity, 4.0 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 1:18 P.M.
Reduced barometer, 30.18 7 a. m. 30.06 7 p. m.
River gage, 1.4 fall
Relative humidity, 75 7 a. m. 38 7 p. m.

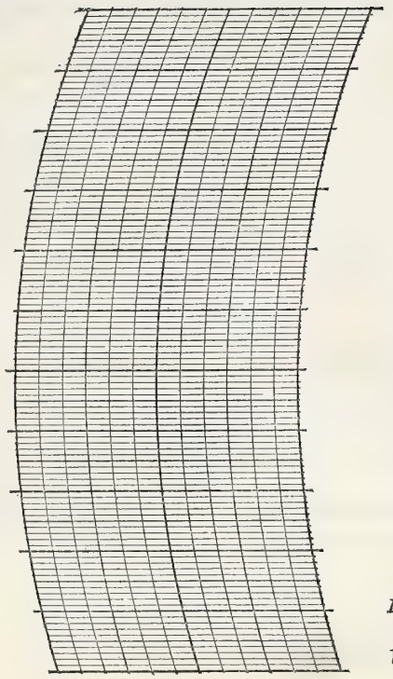
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.5 Wet temperature, 65.5
Dew-point, 55 R. humidity, 38 V. pressure, 432
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

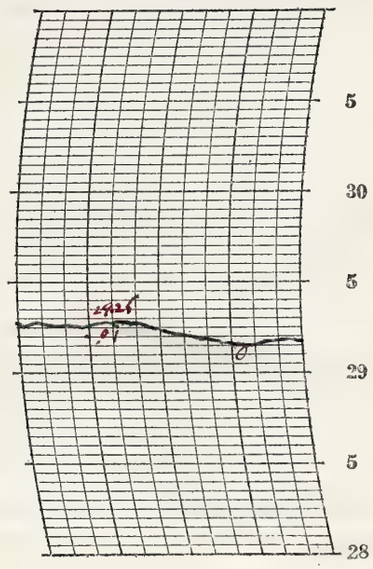
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES

Clear warm beautiful.
Visibilty good but some very light haze in afternoon.

8—466

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	68	67	66	68	70	76	82	85	87	87	91	92	92	92	91	88	86	83	82	81	80	78
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																P. Cldy →				Cloudy →			
Sunshine (in tenths of hours)					0.53 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.5	.10 0			
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW
Wind movement	4	7	7	5	6	7	7	9	8	7	7	7	8	9	8	9	7	6	5	5	5	3	2	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:28 Character, Clear

Moonrise:

Sunset: Time, 7:06 Character, Clear

Moonset:

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	66	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 93

Prevailing wind direction, SW Total wind, 150

Average hourly velocity, 6.2 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 1:55 P.M.

Reduced barometer, 30.11 7 a. m. 30.05 7 p. m.

River gage, 1.4 feet

Relative humidity, 72 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.2 Wet temperature, 69.7

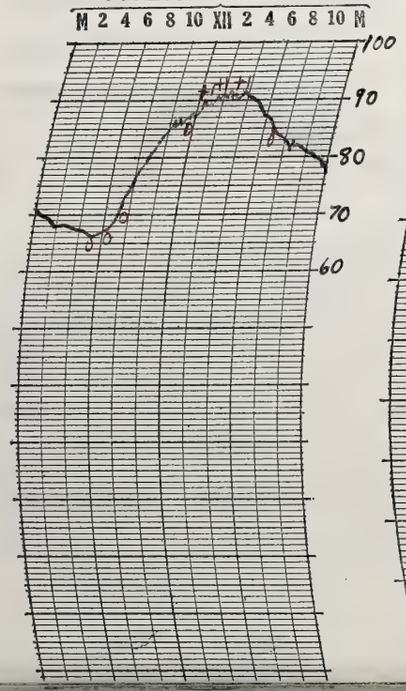
Dew-point, 61 R. humidity, 41 V. pressure, .536

Clouds: Amount, Few; Kind, A. Cu.; Direction, W

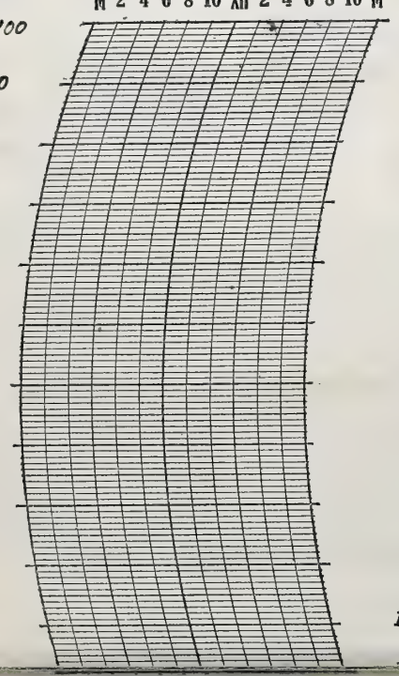
Velocity of clouds (miles per hour)

P.O.

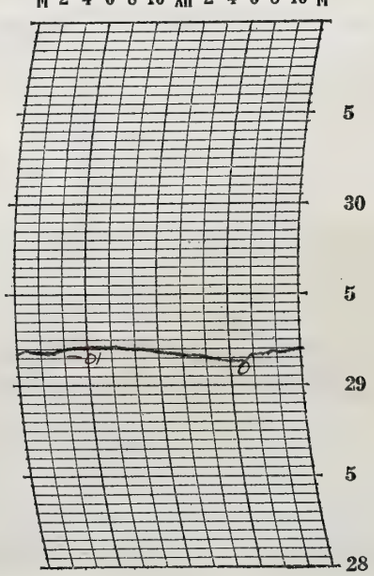
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

E.L.H.

NOTES

Clear, hot day. The temperature reached the highest point, that it has so far this year. P. Cloudy at night and some thunder occured northeast of the station between 9 and 11:30 P.M. No rain fell in the vicinity of the station.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 24 1929, 192

Time (local standard) 90 mer. normal time. 7

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	75	74	72	74	74	79	80	77	85	89	90	91	91	68	68	70	79	71	72	73	73	73
State of weather: Nature of precipitation and time of beginning and ending									RB 8:45 – 8:55	RB 9:26 RE 9:38						RB 3:32 –		RE 5:40						
Amounts of precipitation									T	.03						.20	.06	.02						
Cloudiness and other conditions	Cloudy										Pt cloudy		Pt cloudy					Cloudy						
Sunshine (in tenths of hours)					0	0	0.2	0.5	0.3	0.4	1.0	1.0	1.0	1.0	0.9	0	0	0	0	0				
Wind direction	E	E	S	SW	SW	SW	SW	SW	N	E	S	SW	SW	SW	SW	N	N	SW	S	S	S	SW	SW	SW
Wind movement	6	3	6	8	7	8	8	6	2	5	4	7	12	15	16	17	6	4	4	6	8	8	7	8
Maximum velocities (exceeding 2 miles) direction and time																30 NW 3:44P								

Sunrise: Time, 4:29 Character, Cloudy
Moonrise:
Sunset: Time, 7:05 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

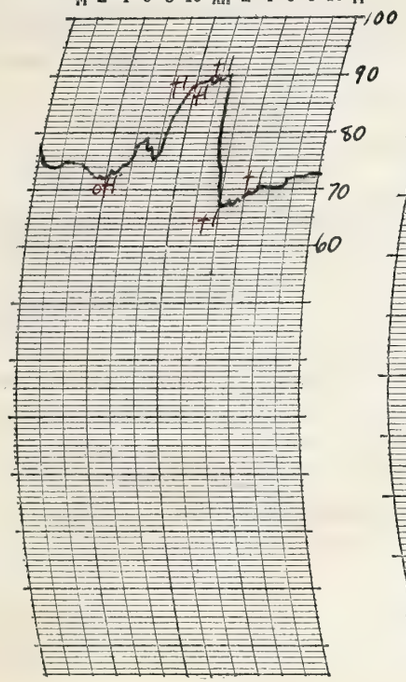
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.31 ins.
Total precipitation, midnight to midnight, 0.31 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.3 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 43%
Prevailing wind direction, SW Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 30
Maximum velocity, 30 Direction, NW
Time began, 3:44 PM.
Reduced barometer, 30.12 7 a. m. 30.05 7 p. m.
River gage, 1.4 feet
Relative humidity, 72 7 a. m. 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 88.9 Wet temperature, 74.9
Dew-point, 69 R. humidity, 52 V. pressure, .707
Clouds: Amount, 6; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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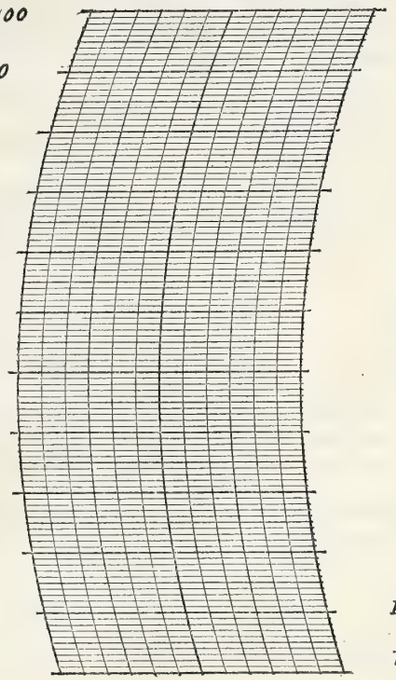
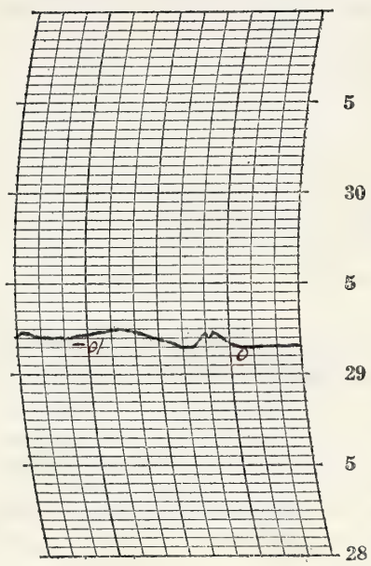


BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Cloudy morning, with brisk thunderstorm from 8:45 am to 9:45 am. Thunder first heard at 8:30 am. northeast of the station.

Thunderstorm that passed over the city at 3:32 PM did some damage to crops north and east of the city.

Clouds were low and it became quite dark. From 3:32 P.M until 4:08 PM the rainfall was heavy and the wind strong. The visibility very poor and streets very slippery. H.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 25 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	72	71	71	73	74	74	74	75	77	80
State of weather: Nature of precipitation and time of beginning and ending											R.B. 9:10-04 R.E. 10:08	
Amounts of precipitation											T	
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character, 4:30 Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW
Wind movement	10	10	7	9	9	9	10	9	7	5	7	8
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	84	85	86	86	86	84	82	81	78	76	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Pt. Cldy →				← Clear →				← Pt. Cldy →			
Sunset: Time, Character, 7:04 Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0				
Wind direction	W	W	W	W	W	W	SW	W	W	SW	SW	SW
Wind movement	10	9	9	8	7	4	4	4	4	5	6	5
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	71	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 53%
Prevailing wind direction, SW Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, ~~13~~ 13
Maximum velocity, 13 Direction, W
Time began, 12:04 P.M.
Reduced barometer, 30.047 a. m. 30.01 7 p. m.
River gage, 1.6 feet
Relative humidity, 74 a. m. 63 p. m.

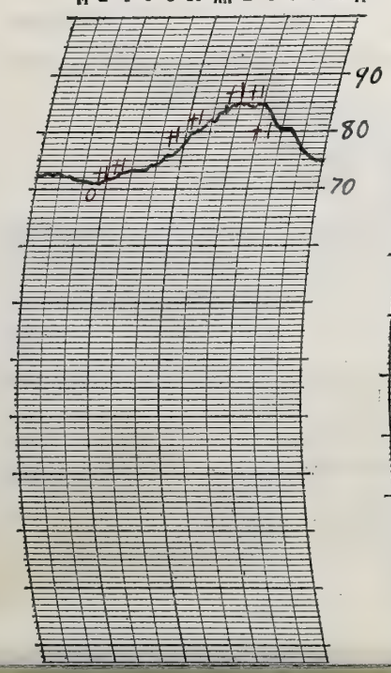
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.9 Wet temperature, 72.9
Dew-point, 70 R. humidity, 72 V. pressure, 732
Clouds: Amount, 3; Kind, a. cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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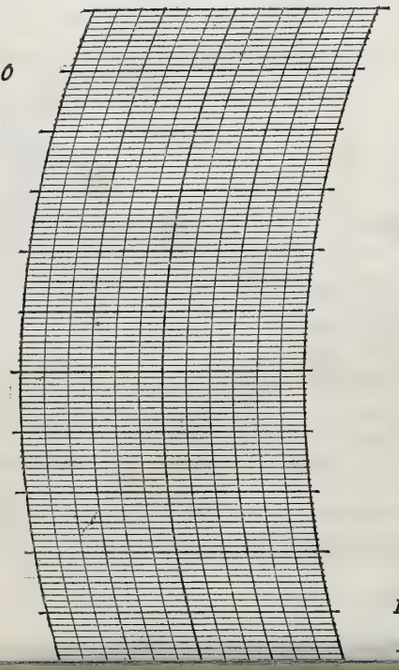
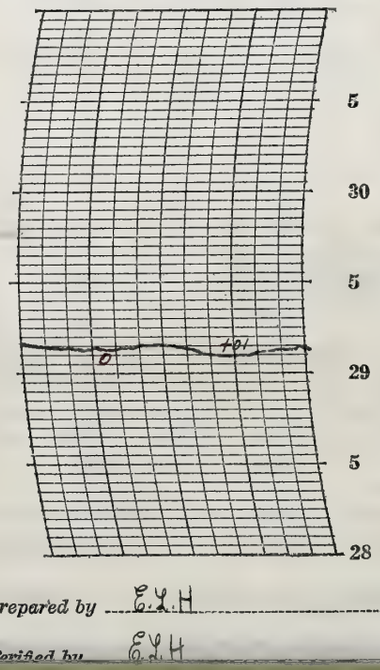


BAROGRAPH.



Prepared by E.L.H

Verified by E.L.H

NOTES

Partly cloudy, warm day.
Partly cloudy and warm at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	72	72	71	73	74	79	82	83	86	87
State of weather: Nature of precipitation and time of beginning and ending	R-13 12:05	R.E. NA			← Clear							→
Amounts of precipitation	0.12	T										
Cloudiness and other conditions												
Sunshine (in tenths of hours)					.48 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	W	SW	SW	SW	SW	SW	SW	W	W	SW	SW
Wind movement	4	3	6	8	6	4	7	9	8	7	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	90	90	91	90	89	87	85	82	80	78	75	77
State of weather: Nature of precipitation and time of beginning and ending	← Partly Cloudy								→			
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	9	10	12	15	17	12	9	6	9	9	9	8

Maximum velocities (exceeding 2[illegible] miles) direction and time

Sunrise: Time, 4:31 Character, Clear

Moonrise:

Sunset: Time, 7:03 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .012 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .012 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 13.8 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 95.0

Prevailing wind direction, SW Total wind, 203

Average hourly velocity, 8.5 Extreme velocity, 19

Maximum velocity, 18 Direction, W

Time began, 4:25 PM

Reduced barometer, 30.03 7 a. m., 29.91 7 p. m.

River gage, 1.8 fall

Relative humidity, 86 7 a. m., 54 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

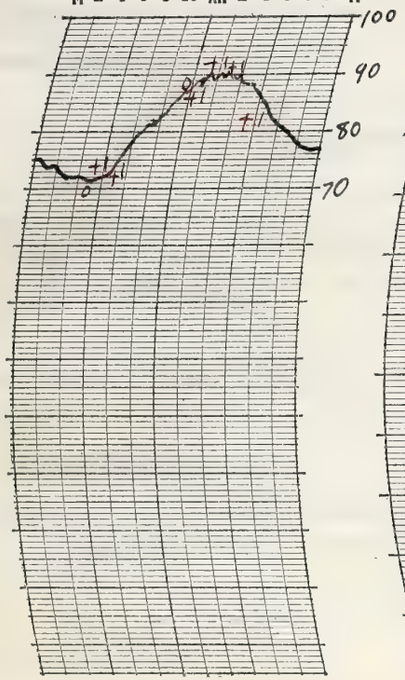
Dry temperature, 87.4 Wet temperature, 75.9

Dew-point, 72 R. humidity, 60 V. pressure, .783

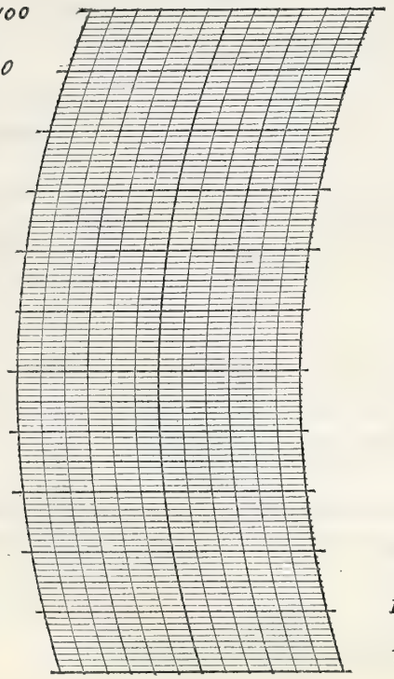
Clouds: Amount, 4; Kind, Cu Cu; Direction, W

Velocity of clouds (miles per hour)

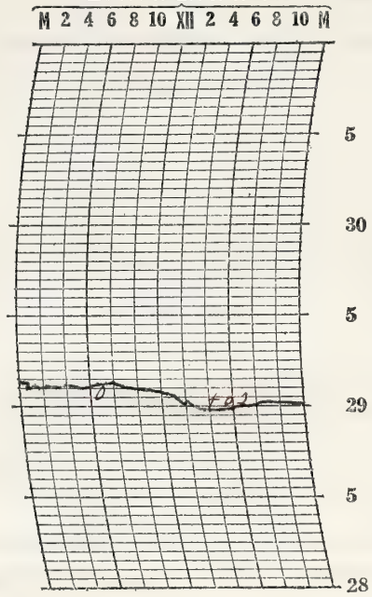
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

NOTES

Very heavy thunderstorm from 12:07 am until about 1:30 am.
Mostly clear in the morning.
Partly cloudy in the afternoon.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible], 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	73	71	74	76	82	85	88	90	91
State of weather: Nature of precipitation and time of beginning and ending	R.D.NA to D.NA											
Amounts of precipitation	T											
Cloudiness and other conditions	← Cloudy										Clear →	
Sunshine (in tenths of hours)					4.7 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	5	7	7	7	6	5	6	6	7	9	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	92	94	93	93	92	89	88	84	82	81	79	77
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.05 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	11	12	12	11	8	8	7	6	5	6	7

Sunrise: Time, 4:32 Character, Clear

Moonrise: ——

Sunset: Time, 7:03 Character, Clear

Moonset: ——

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase, ——

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 187

Average hourly velocity, 7.8 Extreme velocity, 17

Maximum velocity, 16 Direction, SW

Time began, 2:35 p.m.

Reduced barometer, 29.93 7 a. m. 29.86 7 p. m.

River gage, 1.8 feet

Relative humidity, 80 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

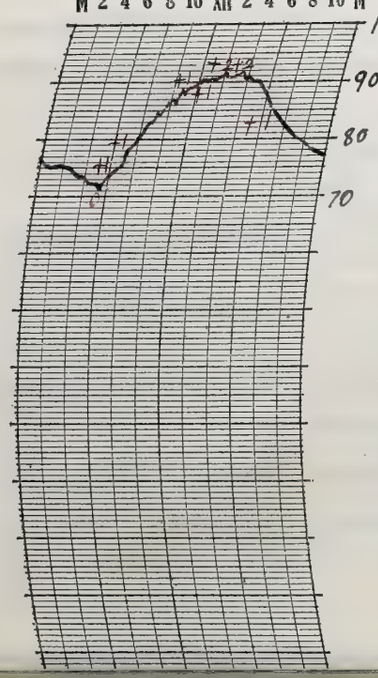
Dry temperature, 91.2 Wet temperature, 73.2

Dew-point, 65 R. humidity, 43 V. pressure, 616

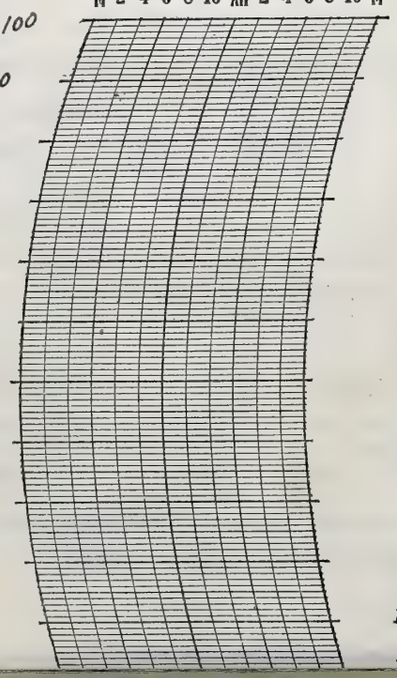
Clouds: Amount, 3; Kind, Cu; Direction, W

Velocity of clouds (miles per hour) ——

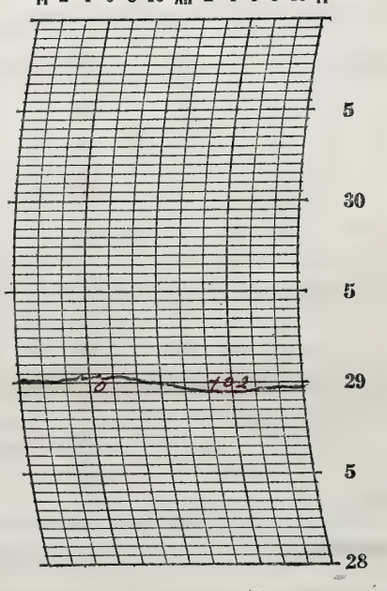
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H. & JJ

Verified by E.L.H.

NOTES

Light sprinkle between 12 and 1 am.
Only a few drops.
Hottest day of the year. Mostly clear
Clear and hot at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 28 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	75	74	74	76	78	81	85	88	91	92	93	94	93	82	83	83	80	77	75	74	74	72
State of weather: Nature of precipitation and time of beginning and ending																AB 3:30 AE 3:55	AB 4:50	AE 5:10						
Amounts of precipitation																T	1.2	.03						
Cloudiness and other conditions					← Clear						×	Pt Cldy				×	Cldy				×	Pt Cldy →		
Sunrise: Time, 4:33 Character, Clear																					Sunset: Time, 7:02 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.45 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.1	0.9	0	0				
Wind direction	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	7	7	8	7	8	8	11	12	13	13	12	13	14	15	12	12	8	8	7	6	5	4	4
Maximum velocities (exceeding 2 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

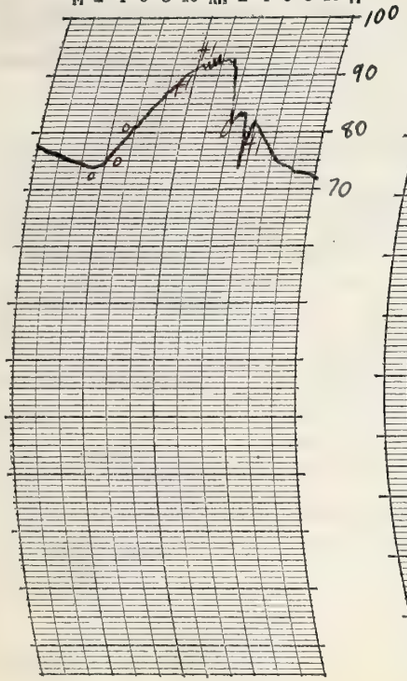
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	72	83	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.6 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 80
Prevailing wind direction, SW Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 27
Maximum velocity, 23 Direction, W
Time began, 4:50 pm
Reduced barometer, 29.91 7 a. m. 29.88 7 p. m.
River gage, 1.6 fall
Relative humidity, 78 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 91.8 Wet temperature, 74.8
Dew-point, 68 R. humidity, 45 V. pressure, .684
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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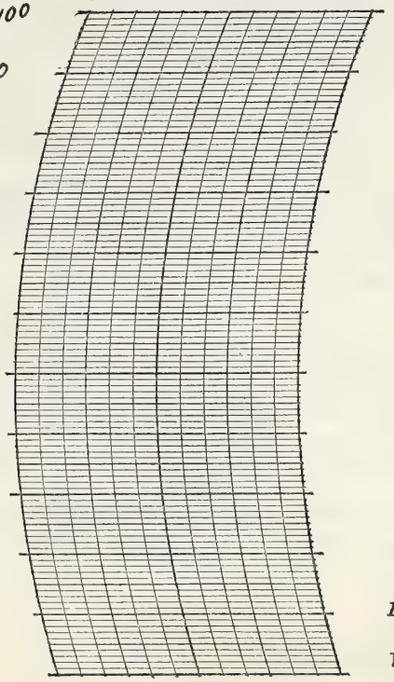
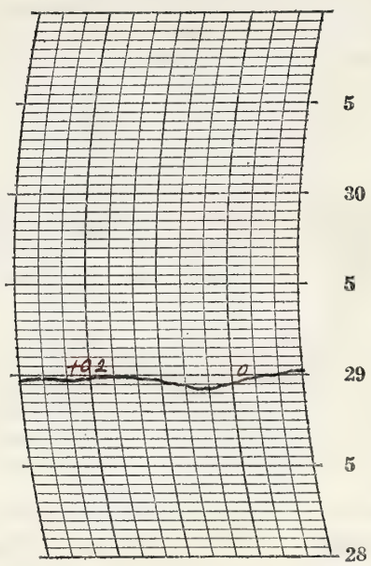


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Hot day - highest temperature so far this year. Mr. F.W. Miller a crossing watchman for the New York Central R.R. Co was overcome by a sunstroke Saturday afternoon and died early this morning. B 4:50 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 29 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	69	67	66	68	70	74	76	78	80	82	83	86	86	87	85	84	82	78	75	74	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear								Pt Cldy	Clear	Part Cloudy						Clear			→
Sunshine (in tenths of hours)					0.43 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.4	0				
Wind direction	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	NW	NW	NW
Wind movement	3	3	3	3	4	4	4	4	4	6	6	6	8	7	8	8	7	6	5	4	4	4	2	1
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:34 Character, Clear

Moonrise:

Sunset: Time, 7:01 Character, Cloudy

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	66	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 99

Prevailing wind direction, NW Total wind, 114

Average hourly velocity, 4.8 Extreme velocity, 11

Maximum velocity, 11 Direction, NW

Time began, 3:57 p.m

Reduced barometer, 29.99 7 a. m. 29.94 7 p. m.

River gage, 0.9 feet #

Relative humidity, 64 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

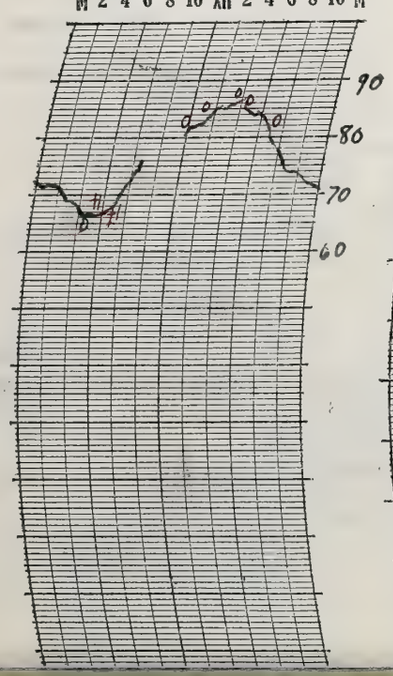
Dry temperature, 82.2 Wet temperature, 64.1

Dew-point, 53 R. humidity, 37 V. pressure, 402

Clouds: Amount, 4; Kind, Ci; Direction, N

Velocity of clouds (miles per hour)

THERMOGRAPH



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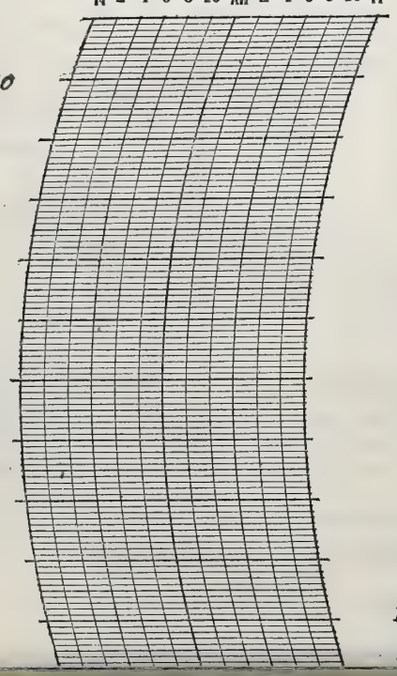

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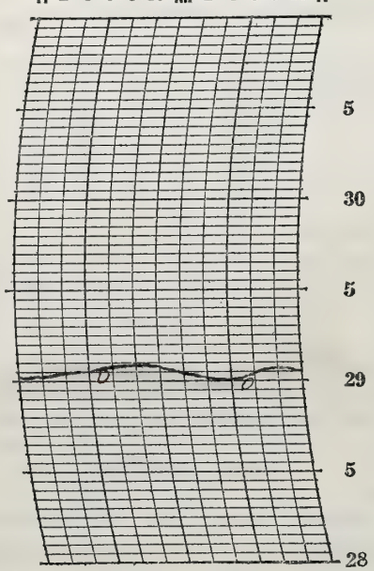


Prepared by

Verified by

NOTES

rollers down

Clear and cooler day — quite pleasant

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 30 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	67	66	66	69	73	78	83	85	87	88	90	91	92	92	91	90	86	82	81	77	76	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.42 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.2					
Wind direction	NW	NW	NW	W	W	W	W	W	W	NW	NW	W	W	W	W	W	W	W	W	W	W	W	NW	SW
Wind movement	2	2	4	4	4	5	4	6	4	5	6	7	7	8	7	8	7	5	4	3	4	3	1	3
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 4:35 Character, Clear
Moonrise: ___ ___

Sunset: Time, 7:00 Character, Cloudy
Moonset: ___ ___

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

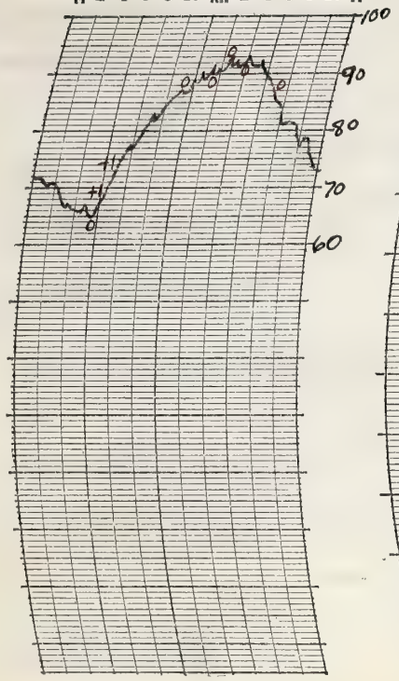
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
93	64	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ___
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 99
Prevailing wind direction, W Total wind, 113
Average hourly velocity, 4.7 Extreme velocity, 10
Maximum velocity, 10 Direction, W
Time began, 3:26 pm
Reduced barometer, 30.00 7 a. m., 29.89 7 p. m.
River gage, 1.7 fe
Relative humidity, 56 7 a. m. 34 7 p. m.

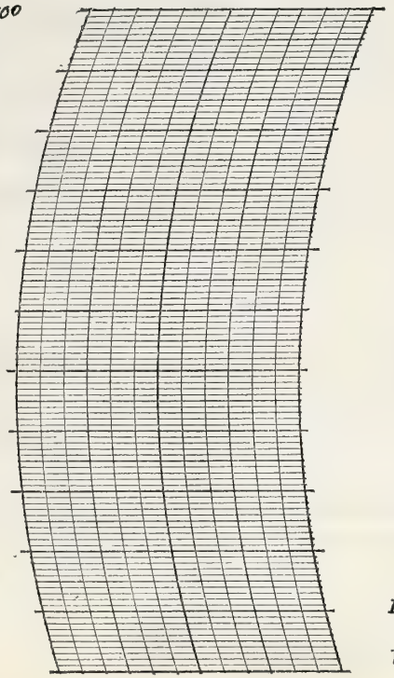
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.1 Wet temperature, 63.1
Dew-point, 45 R. humidity, 23 V. pressure, 29.8
Clouds: Amount, Few; Kind, Ci; Direction, W
Velocity of clouds (miles per hour) ___

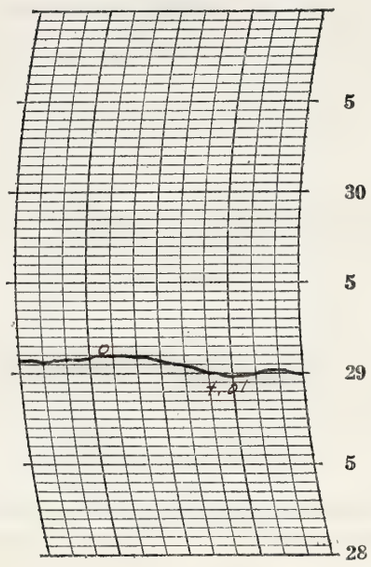
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH
Verified by EZH

NOTES

Clear, warm day.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 31 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	68	69	67	71	75	81	85	87	88	89	90	92	91	92	91	90	87	84	81	80	79	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																		→ Pr. Cldy →					
Sunshine (in tenths of hours)					0.40 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W	SW	SW	SW	SW
Wind movement	2	2	1	1	3	5	2	3	4	7	9	8	8	8	8	7	6	5	4	3	3	3	1	1
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 4:36 Character, Clear

Moonrise:

Sunset: Time, 6:59 Character, Cloudy

Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	67	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 13.3 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 92

Prevailing wind direction, SW Total wind, 104

Average hourly velocity, 4.3 Extreme velocity, 11

Maximum velocity, 11 Direction, S

Time began, 10:11 2 m

Reduced barometer, 29.89 7 a. m., 29.78 7 p. m.

River gage, 1.1 feet

Relative humidity, 59 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

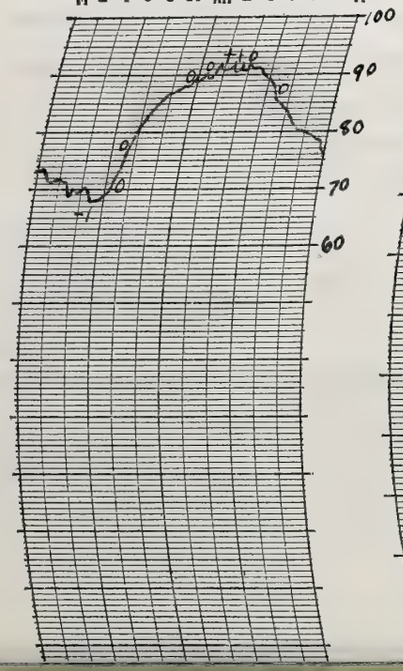
Dry temperature, 88.9 Wet temperature, 67.2

Dew-point, 54 R. humidity, 31 V. pressure, .412

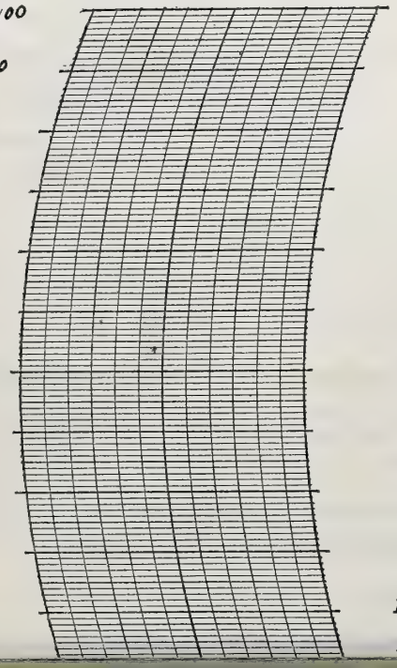
Clouds: Amount, Few; Kind, cu; Direction, SW

Velocity of clouds (miles per hour)

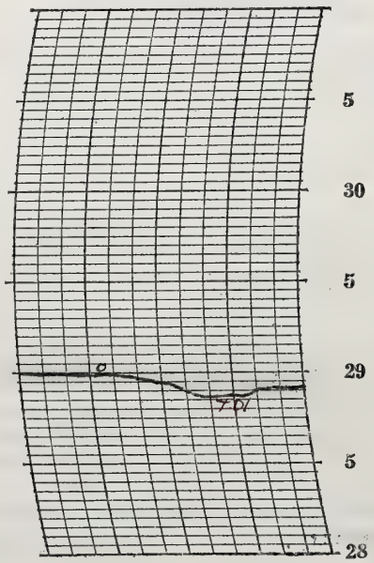
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Clear, hot, day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	70	68	67	66	65	66	69	71	73	75	77	79	80	82	81	79	78	76	73	71	69	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy	X						Part	Cloudy							X	Clear	→	
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	E
Wind movement	5	8	9	9	8	6	8	7	6	6	5	5	7	6	7	5	7	6	5	5	7	6	7	8
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 4:37 Character, Cloudy
Moonrise:
Sunset: Time, 6:57 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

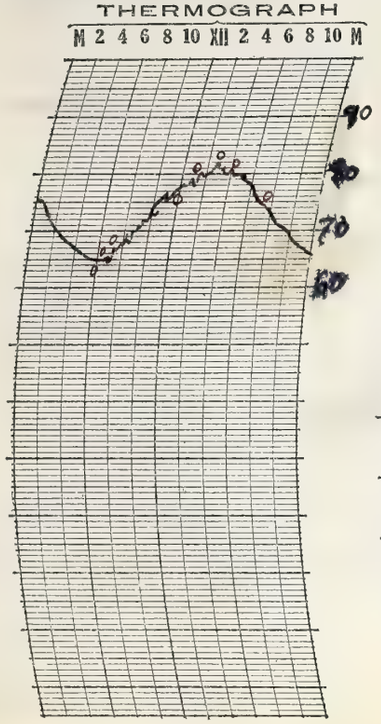
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 11.0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 77
Prevailing wind direction, N Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 2:03 2 m.
Reduced barometer, 29.96 7 a. m. 29.98 7 p. m.
River gage, 0.8 feet
Relative humidity, 73 7 a. m. 44 7 p. m.

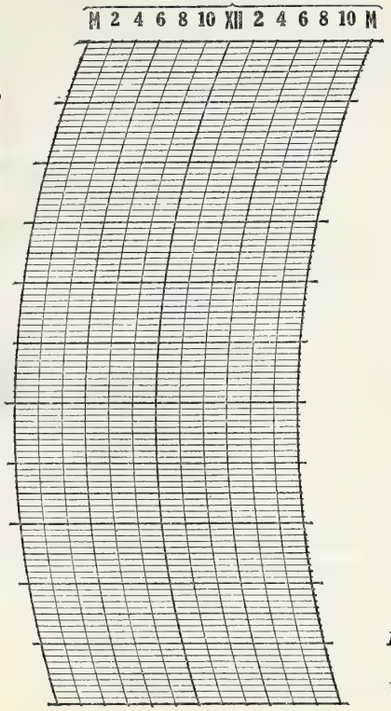
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 63.2
Dew-point, 54 R. humidity, 46 V. pressure, .417
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

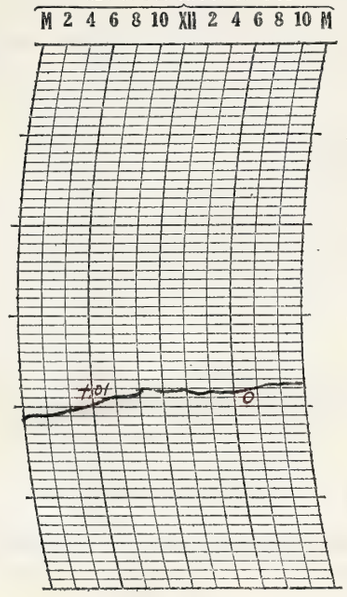
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

8—486

NOTES

Pt. Cloudy day, cool in morning but sun shone in afternoon and quite warm by 5:00 p.m. Clear and pleasant at night - E.L.H.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	60	59	59	61	62	64	65	66	68	68
Nature of precipitation and time of beginning and ending										RB 9:12 RE 10:00		
Amounts of precipitation										T		
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	8	7	6	5	5	4	3	4	6	5	4	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	64	65	65	63	62	61	60	60	60	60	61
Nature of precipitation and time of beginning and ending	RB 12:10		RE 2:45	RB 3:20								R Cont
Amounts of precipitation	T	.03	T	.01	.09	.07	.07	.13	.01	.19	.32	.14
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SE	SE	SE	E	E	SE	SE	E	E	E	E	S
Wind movement	3	6	6	5	5	4	5	5	4	3	4	6

Sunrise: Time, 4:35 Character, Cloudy

Moonrise:

Sunset: Time, 6:56 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	58	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .25 ins.

Total precipitation, midnight to midnight, 1.06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 116

Average hourly velocity, 4.8 Extreme velocity, 9

Maximum velocity, 9 Direction, S

Time began, 11:45 p.m.

Reduced barometer, 30.09 7 a. m. 29.95 7 p. m.

River gage, 1.8 feet

Relative humidity, 71 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

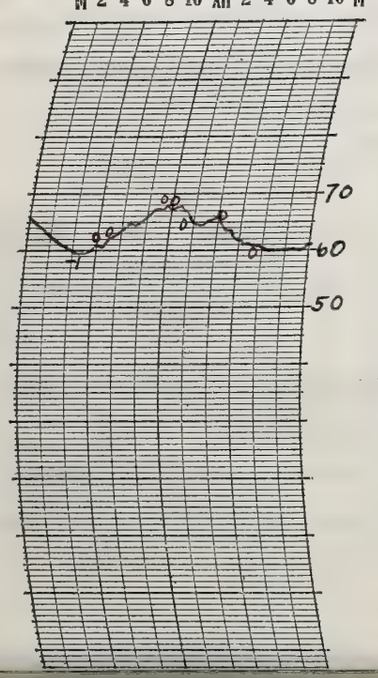
Dry temperature, 68.0 Wet temperature, 56.4

Dew-point, 48 R. humidity, 49 V. pressure, .334

Clouds: Amount, 6; Kind, st cu Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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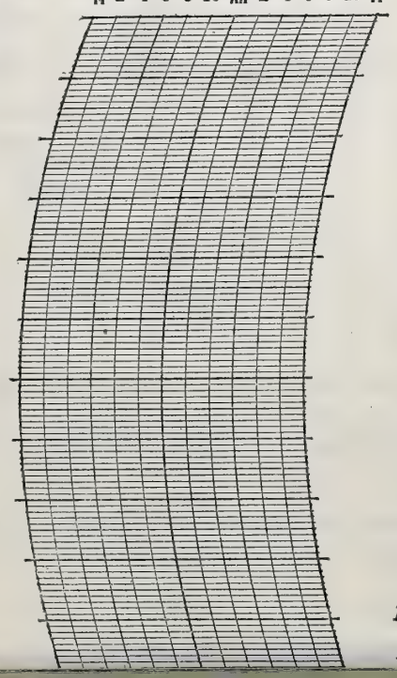
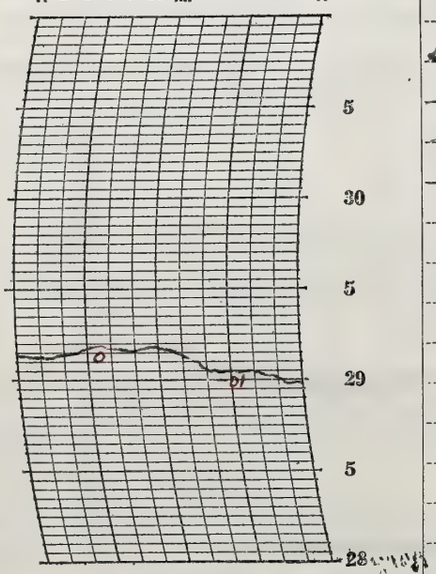


BAROGRAPH.



Prepared by

Verified by G.L.H

NOTES

Cloudy, cold day. From 12:10 p.m. until night visibility very poor. After dark the visibility was poor, streets slippery and conditions in general were bad.

Thunder was first heard at 10:30 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 3 1920, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	60	63	67	65	67	68	69	70	69	71	71	71	69	69	71	72	70	67	65	63	62	60
State of weather: Nature of precipitation and time of beginning and ending	R Cont					RE DN2																		
Amounts of precipitation	.16	.12	.33	.36	.02	.01																		
Cloudiness and other conditions	← Cloudy																							
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.2	0.1	0.2	0	0	0.7	0.9	0.1					
Wind direction	S	S	S	S	S	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	8	7	6	6	9	10	9	7	8	8	10	9	11	12	14	13	12	14	13	7	7	7	7	4
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 4:39 Character, Cloudy
Moonrise:
Sunset: Time, 6:55 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

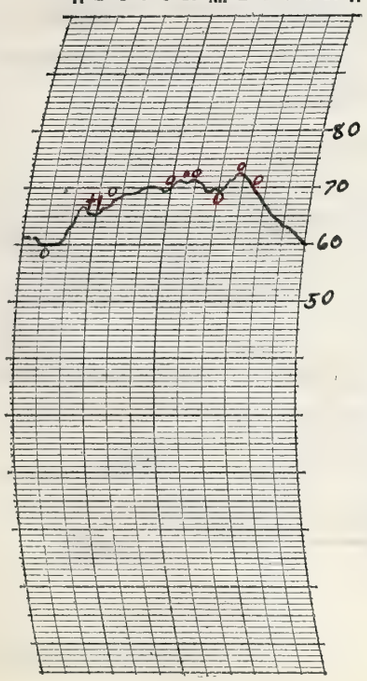
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.81 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 1.00 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.2 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 15
Prevailing wind direction, NW Total wind, 218
Average hourly velocity, 9.1 Extreme velocity, 21
Maximum velocity, 19 Direction, NW
Time began, 5:21 p.m.
Reduced barometer, 29.73 7 a. m. 29.86 7 p. m.
River gage, 2.2 fall
Relative humidity, 97 7 a. m. 63 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.2 Wet temperature, 68.7
Dew-point, 67 R. humidity, 88 V. pressure, .661
Clouds: Amount, 10; Kind, st cu Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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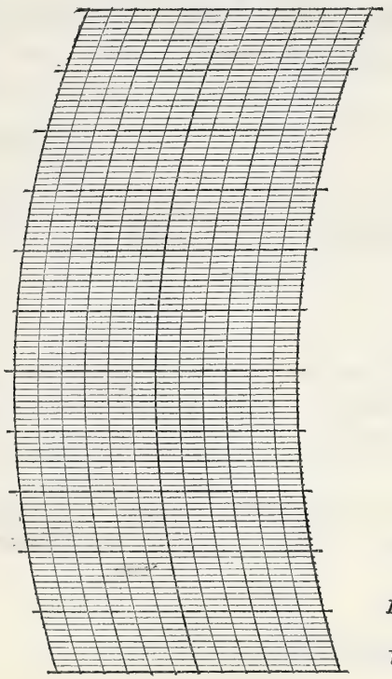
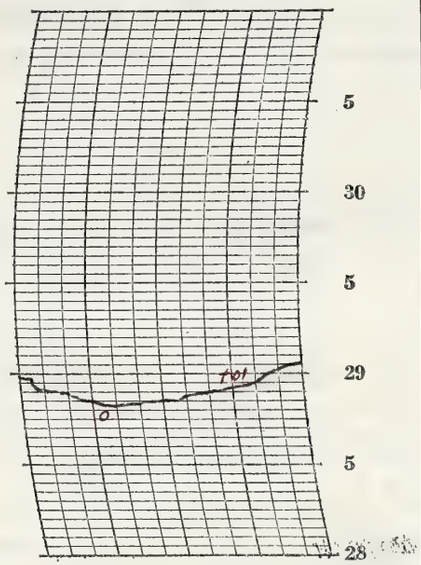


BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES

B 2:30 a m.
Light fog from 5:40 a m to 7:15 a m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 4 1929, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	56	55	54	55	59	61	63	65	66	68	69	70	70	70	69	67	65	61	60	59	59	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy		× Clear		× Pt Cldy				× Clear		× Pt Cldy									
Sunrise: Time, 4:40 Character, Cloudy																					Sunset: Time, 6:54 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.2					
Wind direction	NW	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	3	3	6	8	6	6	8	8	12	12	13	12	13	13	12	13	11	8	6	5	6	4	3
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

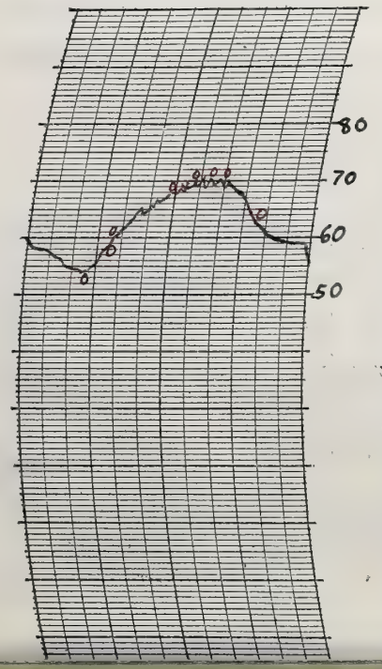
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 13.5 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 95
Prevailing wind direction, NW Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 17
Maximum velocity, 16 Direction, N
Time began, 12:33 p.m.
Reduced barometer, 30.06 7 a. m. 30.03 7 p. m.
River gage, 7.6 feet
Relative humidity, 75 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.0 Wet temperature, 53.3
Dew-point, 45 R. humidity, 45 V. pressure, .298
Clouds: Amount, 6; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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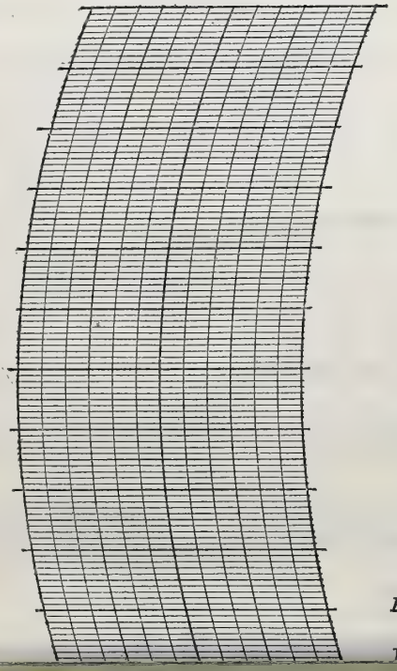
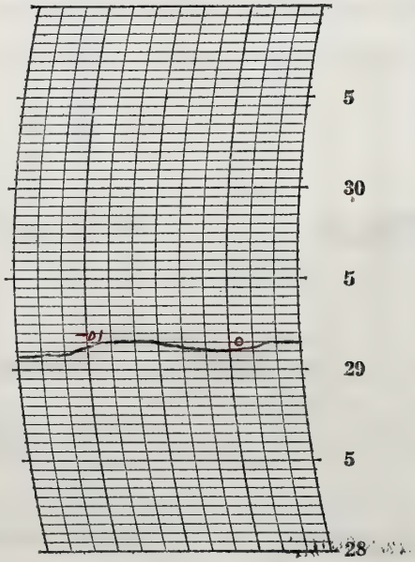


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

NOTES

Part Cloudy cool day. Mostly clear and cool at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 5 1929, 192

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	51	62	

Time (local standard) 90th mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	51	51	53	59	64	68	71	72	73	73	73	72	71	70	69	68	68	66	66	66	65
State of weather: Nature of precipitation and time of beginning and ending																RB 2:40		RE 5:15						
Amounts of precipitation																T	T	T						
Cloudiness and other conditions					← Clear			Pt Cldy			X				Cloudy									→
Sunrise: Time, 4:41 Character, Clear																					Sunset: Time, 6:53 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.32 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0					
Wind direction	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	4	5	6	4	5	4	5	6	8	7	7	8	7	7	6	5	4	3	3	2	3	2	1	0
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

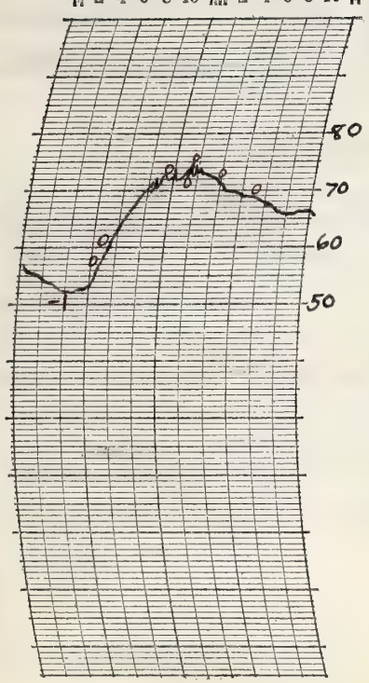
Excessive precipitation, accumulated amounts

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 9.7 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 68
Prevailing wind direction, W Total wind, 112
Average hourly velocity, 4.7 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 11:09 2 m
Reduced barometer, 30.06 7 a. m. 30.00 7 p. m.
River gage, 7.4 feet
Relative humidity, 64 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.0 Wet temperature, 58.9
Dew-point, 49 R. humidity, 43 V. pressure, .347
Clouds: Amount, 1 9; Kind, Cu; Direction, NW NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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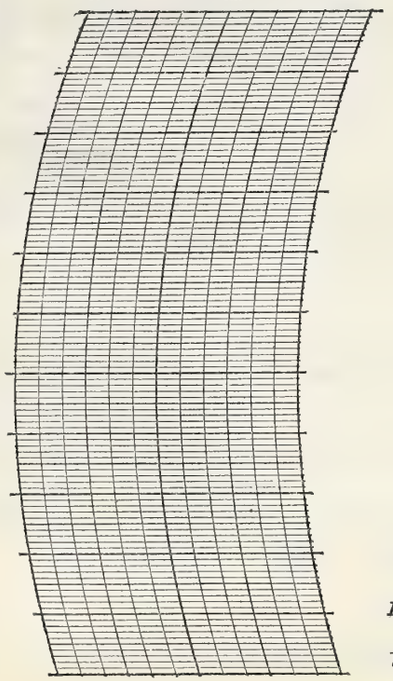
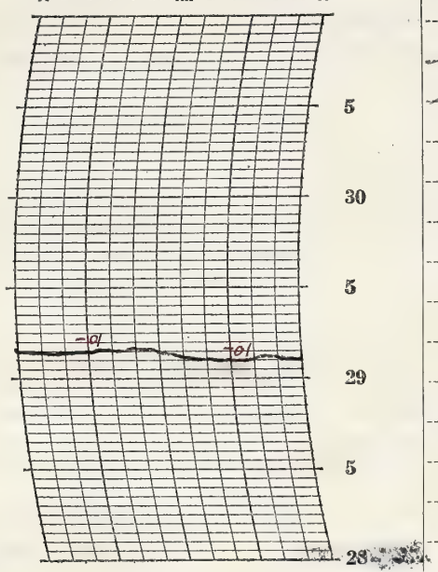


BAROGRAPH.



Prepared by C.J.S.

Verified by E.L.H.

8—486

NOTES

Mostly clear morning followed by increasing cloudiness and light sprinkle in late afternoon.

A faint 22° solar halo was observed around noon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 6 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	64	64	64	64	64	65	67	72	73	74	76	74	73	73	73	72	71	69	68	66	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Fog →								Cloudy											→
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	1.0	0.7	1.0	1.0	0.3	0.2	0	0	0					
Wind direction	W	W	W	O	O	W	N	NE	E	E	E	SW	S	W	N	NW	NW	NW	NW	NW	N	N	N	NE
Wind movement	1	1	1	0	0	1	2	2	3	2	2	4	2	4	5	4	3	3	2	2	2	3	2	4
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 4:42 Character, Cloudy
Moonrise:
Sunset: Time, 6:52 Character, Cloudy
Moonset:

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

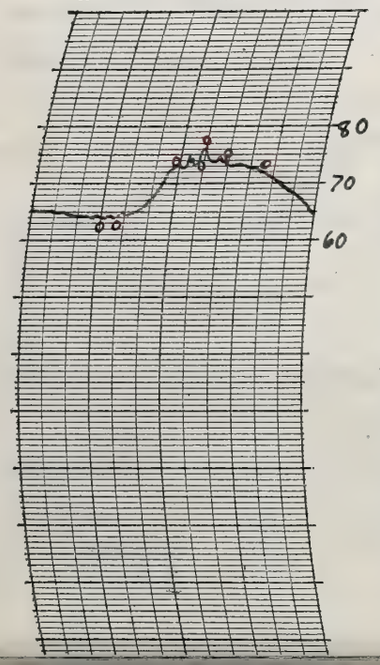
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	64	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 4.6 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 32
Prevailing wind direction, W & NW Total wind, 55
Average hourly velocity, 2.3 Extreme velocity, 6
Maximum velocity, 6 Direction, W
Time began, 12:53 pm
Reduced barometer, 30.04 7 a. m. 30.03 7 p. m.
River gage, 5.40 feet
Relative humidity, 86 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.1 Wet temperature, 61.7
Dew-point, 54 R. humidity, 57 V. pressure, .417
Clouds: Amount, 3 (few); Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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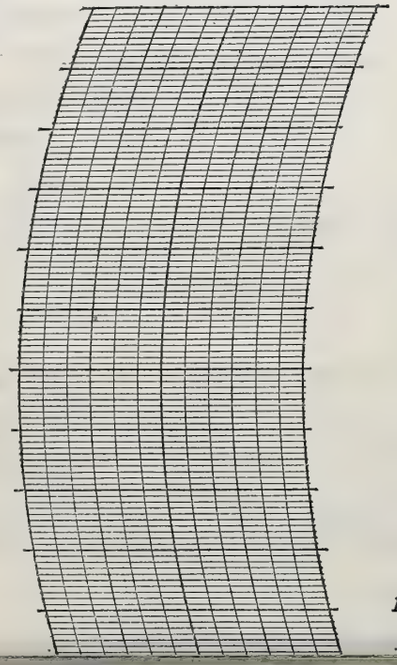
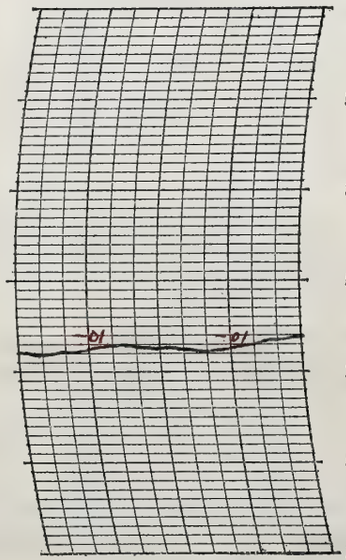


BAROGRAPH.



Prepared by

NOTES

Light fog from 5:40 a.m. till 7:30 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 7 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	59	59	60	62	60	70	72	74	75	76	77	77	77	77	77	75	73	69	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy																			
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	N	N	N	N	NE	E	E	E
Wind movement	5	5	4	5	6	7	6	7	6	6	5	4	5	4	7	6	5	4	1	2	4	6	4	4

Sunrise: Time, 4:43 Character, Cloudy
Moonrise:
Sunset: Time, 6:51 Character, Cloudy
Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

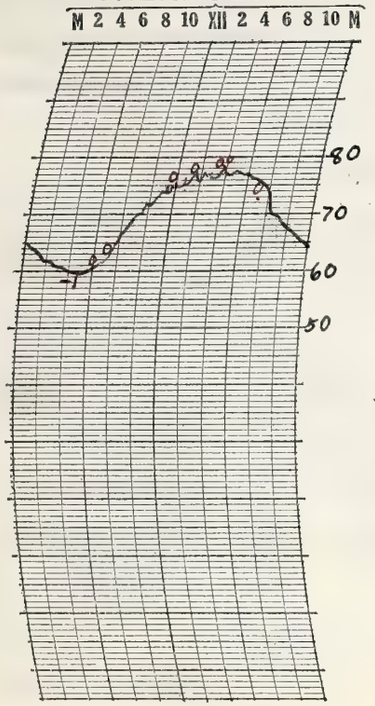
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	59	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 89
Prevailing wind direction, NE Total wind, 118
Average hourly velocity, 4.9 Extreme velocity, 8
Maximum velocity, 8 Direction, N
Time began, 3:35 p.m.
Reduced barometer, 30.16 7 a. m. 30.14 7 p. m.
River gage, 4.0 feet
Relative humidity, 81 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.9 Wet temperature, 64.1
Dew-point, 58 R. humidity, 56 V. pressure, .482
Clouds: Amount, 2 7; Kind, 2 Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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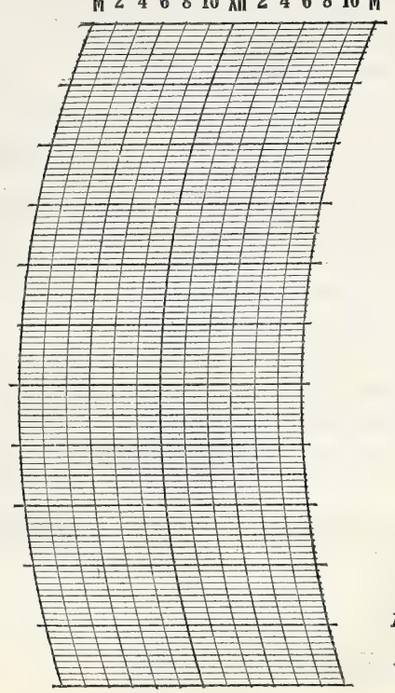
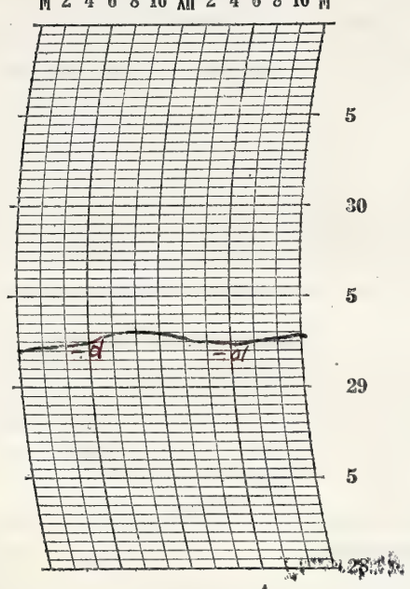


BAROGRAPH.



Prepared by E.H.
Verified by E.L.H.

8—486

NOTES

Partly cloudy in the morning but mostly clear in the late afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 8 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	61	59	58	58	63	67	72	74	78	81	83	84	84	84	83	81	80	77	76	74	73	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear							×	P Cldy	×	Clear		×	P Cldy			→			
Sunrise: Time, Character, 4:44 Cloudy																					Sunset: Time, Character, 6:49 Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	E	E	E	E	E	E	E	E	S	SW	W	S	SW	W	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	3	2	1	2	3	2	2	3	5	7	6	6	5	6	8	6	6	4	2	2	1	2	2	2
Maximum velocities (exceeding 2 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

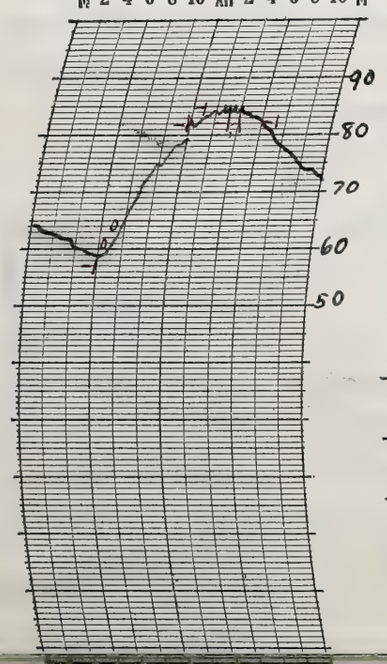
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	58	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 79
Prevailing wind direction, W Total wind, 88
Average hourly velocity, 3.7 Extreme velocity, 9
Maximum velocity, 9 Direction, SW
Time began, 2:29 p m
Reduced barometer, 30.18 7 a. m. 30.08 7 p. m.
River gage, 3.6 feet
Relative humidity, 83 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.2 Wet temperature, 66.8
Dew-point, 59 R. humidity, 47 V. pressure, 499
Clouds: Amount, 5; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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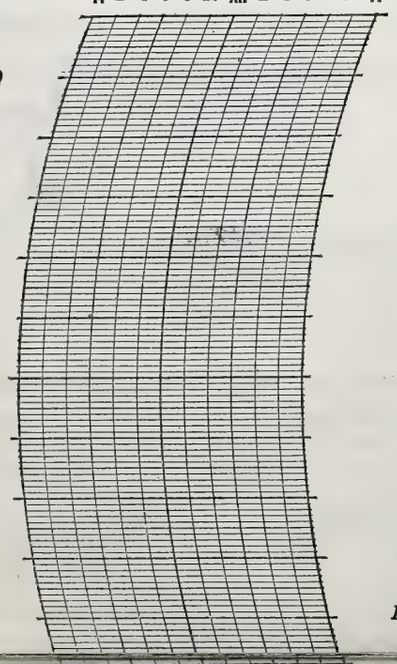
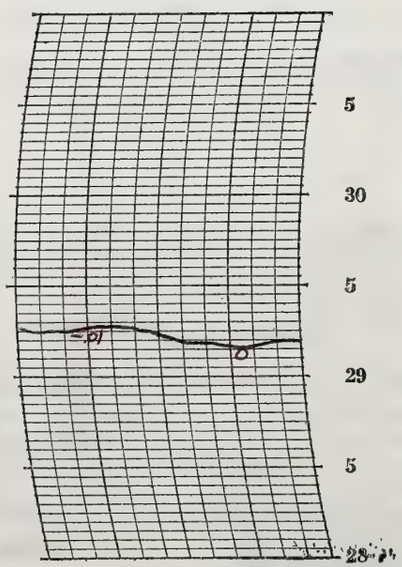


BAROGRAPH.



Prepared by

NOTES

Clear morning followed by partly cloudy in afternoon. Pleasant warm day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 9 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	68	69	71	71	72	73	74	76	77
State of weather: Nature of precipitation and time of beginning and ending										RB 8:15 RE 9:30		
Amounts of precipitation										T		
Cloudiness and other conditions					← Cloudy							
Sunrise: Time, 4:44 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0.1	0.1	0	0	0	0.1	0.1
Wind direction	SW	SW	SW	SW	SW	0	SW	SW	SW	SW	SW	SW
Wind movement	3	3	4	3	2	0	2	5	7	4	4	5
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	82	82	82	81	80	79	78	77	76	75	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	→											
Sunset: Time, 6:48 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.4	1.0	1.0	0.8	0	0	0					
Wind direction	S	S	S	S	SE	SE	SE	SE	SE	S	S	S
Wind movement	6	8	8	7	4	4	3	3	5	5	5	5

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	67	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.6 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 26
Prevailing wind direction, SW Total wind, 105
Average hourly velocity, 4.4 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 2:15 pm
Reduced barometer, 30.11 7 a. m. 30.02 7 p. m.
River gage, 3.3 feet
Relative humidity, 79 7 a. m. 63 7 p. m.

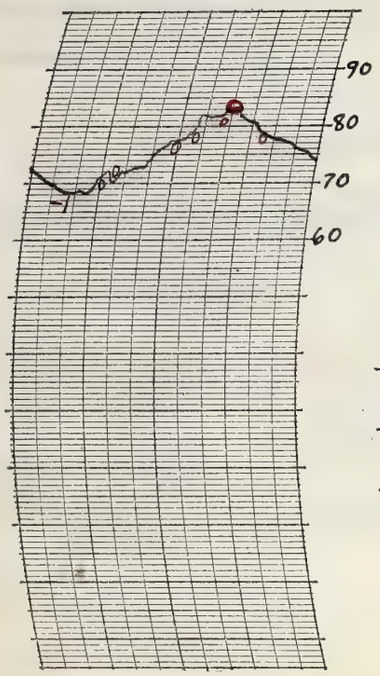
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

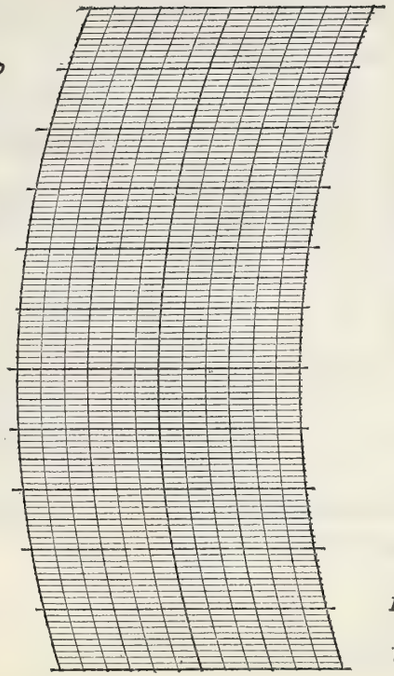
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 76.8 Wet temperature, 67.2
Dew-point, 63 R. humidity, 61 V. pressure, .575
Clouds: Amount, 10; Kind, stu; Direction, W
Velocity of clouds (miles per hour)

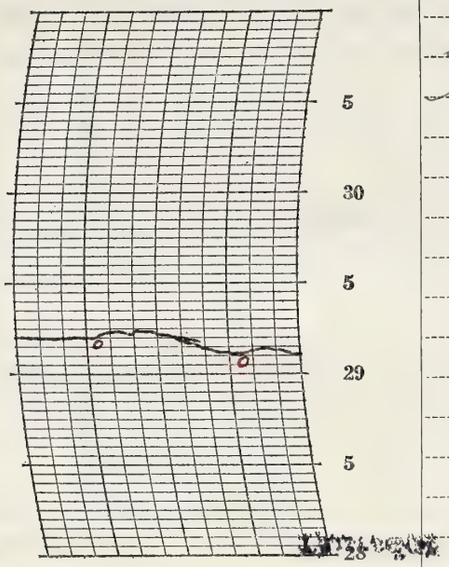
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

8—486

NOTES

Mostly cloudy day, the light sprinkle during the morning did not make the streets slippery
It smoke 5:45 a - 6:30 a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 10 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	69	69	68	68	69	70	75	79	82	83	84	86	87	87	87	85	81	79	78	77	76	75	74
	RB DNa		RE DNa																					
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.02	.14	.01				.17																	
Cloudiness and other conditions	Cloudy					Pt Cldy							Cloudy											
Sunshine (in tenths of hours)					0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	S	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	7	6	6	4	5	7	6	5	6	6	8	7	8	7	7	6	7	8	7	8	7	6	4
Maximum velocities (exceeding 21 miles) direction and time																								

Sunrise: Time, 4:45 Character, Cloudy

Moonrise:

Sunset: Time, 6:47 Character, Cloudy

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .17 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .17 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 10.6 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 76

Prevailing wind direction, SW Total wind, 153

Average hourly velocity, 6.4 Extreme velocity, 11

Maximum velocity, 11 Direction, SW

Time began, 12:59 2 m

Reduced barometer, 30.02 7 a. m. 29.87 7 p. m.

River gage, 2.7 feet

Relative humidity, 86 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

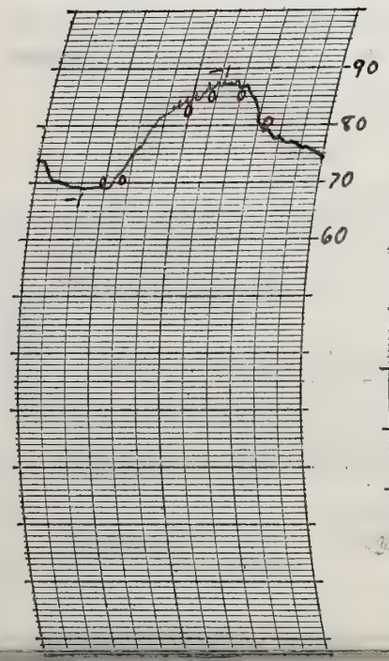
Dry temperature, 83.9 Wet temperature, 73.1

Dew-point, 68 R. humidity, 60 V. pressure, .684

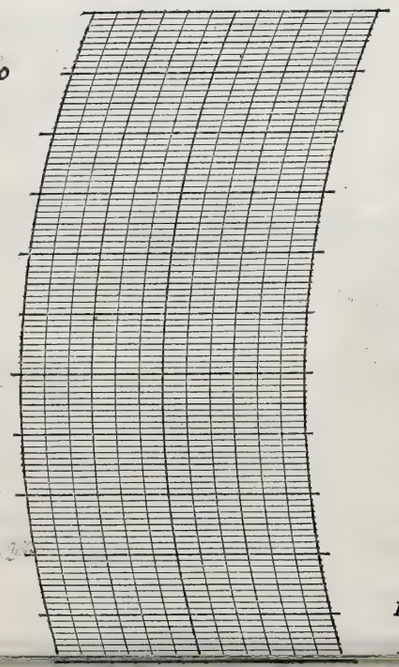
Clouds: Amount, 7; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

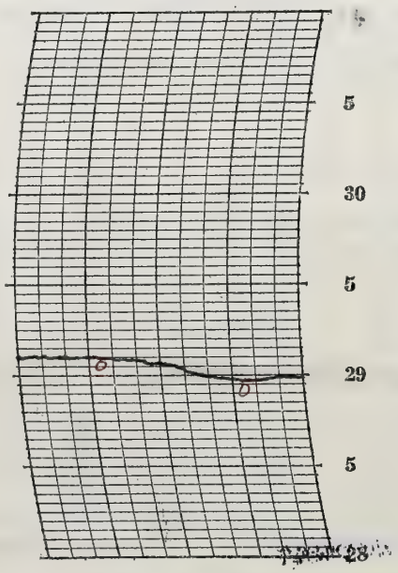
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. T. H.

NOTES

Light fog began 5:40 a m ended 6:30 a m
Part Cloudy, warm day. Mostly
cloudy and warm at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 11 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	71	70	70	72	76	79	81	83	85	85	86	87	86	85	84	81	78	76	74	73	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy			X			Clear							X	Pt Cldy					→
Sunrise: Time, 4:47 Character, Cloudy																					Sunset: Time, 6:45 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	4	7	5	5	6	3	5	5	8	6	9	9	11	10	10	12	11	8	6	6	7	6	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

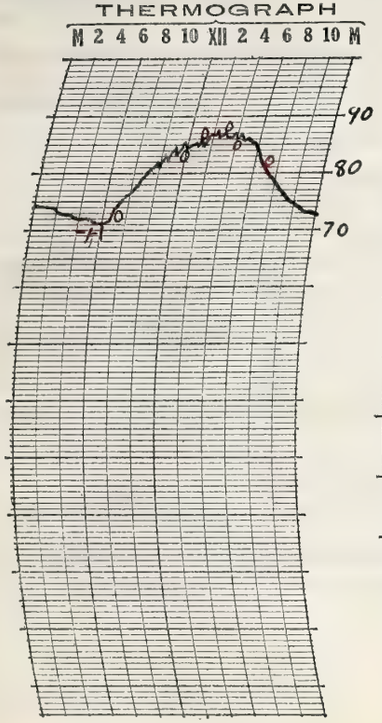
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.4 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 81
Prevailing wind direction, W Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 4:03 p.m.
Reduced barometer, 29.88 7 a. m. 29.81 7 p. m.
River gage, 2.3 feet
Relative humidity, 86 7 a. m. 7 p. m.

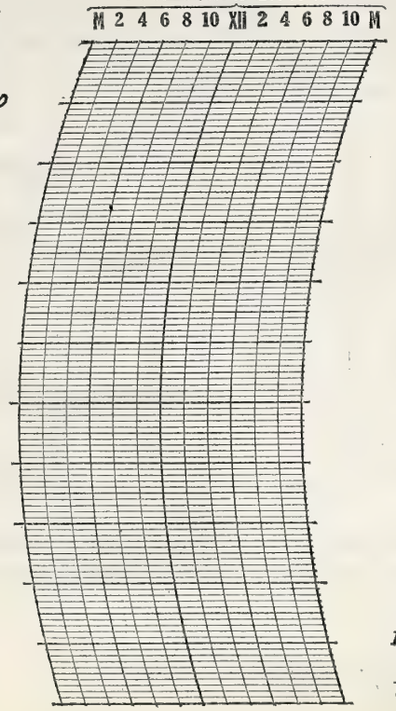
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.8 Wet temperature, 71.8
Dew-point, 66 R. humidity, 53 V. pressure, .638
Clouds: Amount, 1; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

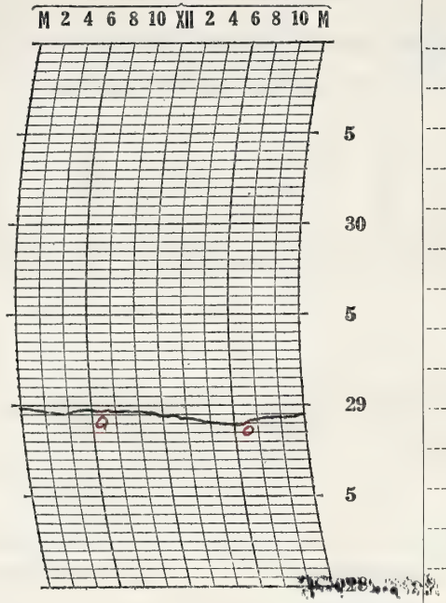
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Mostly clear, hot, beautiful, day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 12 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	66	66	65	67	68	71	75	77	79	80	82	83	84	84	83	82	80	70	69	67	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					x	Pt Cldy									x	Cloudy →			
Sunrise: Time, 4:48 Character, Clear																					Sunset: Time, 6:44 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.20 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	NW	N	N	N	N*	N	NE	E	E	NE	NE	NE	NW	W	W	SW	SW	SW	SW	NE	E	E	E	E
Wind movement	5	6	5	3	3	2	3	4	3	6	3	4	5	4	6	6	6	5	3	8	7	4	3	2
Maximum velocities (exceeding 2[illegible] miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.5 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 92
Prevailing wind direction, E Total wind, 10.6
Average hourly velocity, 4.4 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 7:12 pm
Reduced barometer, 29.89 7 a. m., 29.84 7 p. m.
River gage, 1.6 feet
Relative humidity, 72 7 a. m. 53 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

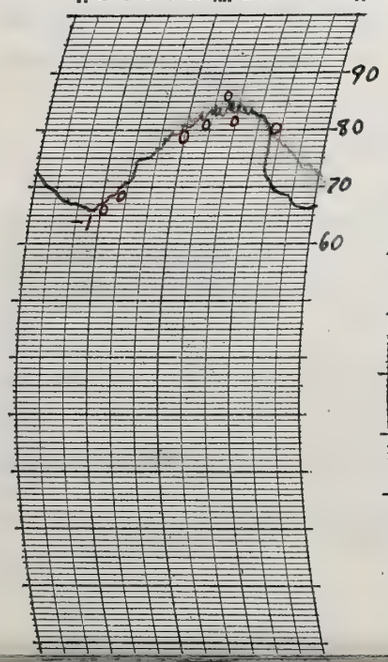
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

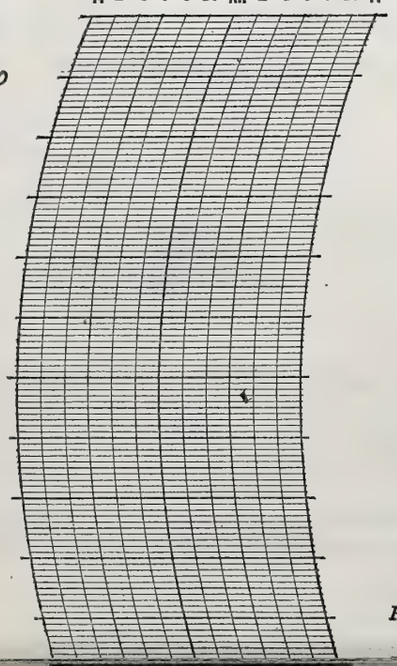
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.1 Wet temperature, 65.7
Dew-point, 57 R. humidity, 46 V. pressure, .465
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

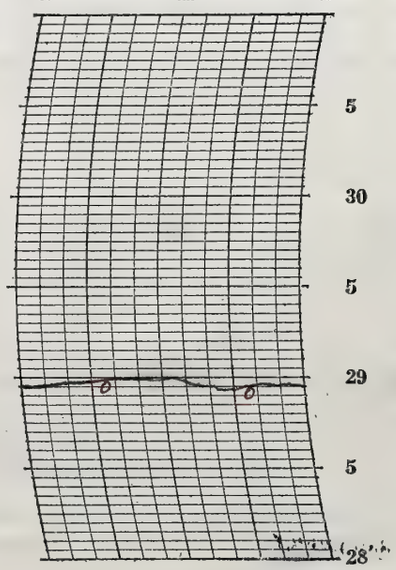
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by G. H. H.

NOTES

Mostly clear, warm pleasant day
Cloudy and threatening from 7:15 pm
into the night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 13 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	65	64	65	68	74	77	79	80	81
Nature of precipitation and time of beginning and ending	RB DN2	RE DN2										
Amounts of precipitation	T	T										
Cloudiness and other conditions	← Clear								xPt Cldy			
Sunshine (in tenths of hours)					0.18 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	SE	SE	SE	SE	SE	S	S	S	S	S	S	S
Wind movement	3	3	3	2	3	6	8	9	11	14	14	15

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	83	73	68	74	73	70	60	61	62	62	63
Nature of precipitation and time of beginning and ending		RB 1:55			RE 4:05			RB 7:39	RE 8:50			RB 11:10 RE DNp
Amounts of precipitation		T	.02	.03	T			.30	.02			.01
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	1.0	0.4	0	0	0.7	0	0					
Wind direction	S	S	SW	SW	S	S	S	S	NE	E	S	SW
Wind movement	16	16	13	10	9	8	8	8	3	3	5	7

Sunrise: Time, 4:49 Character, Clear
Moonrise:
Sunset: Time, 6:43 Character, Cloudy
Moonset:

State of weather.

Maximum velocities (exceeding 2 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

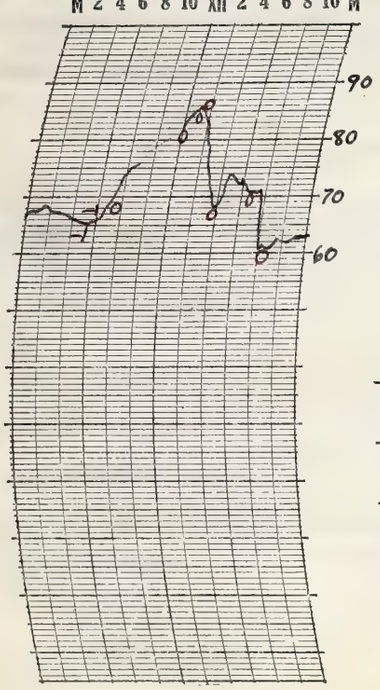
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.5 ins.
Total precipitation, midnight to midnight, 1.38 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 9.3 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 67
Prevailing wind direction, S Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 27
Maximum velocity, 22 Direction, NW
Time began, 7:37 p.m.
Reduced barometer, 29.92 7 a. m. 29.60 7 p. m.
River gage, 1.3 feet
Relative humidity, 73 7 a. m. 85 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.3 Wet temperature, 68.8
Dew-point, 62 R. humidity, 53 V. pressure, .555
Clouds: Amount, 8; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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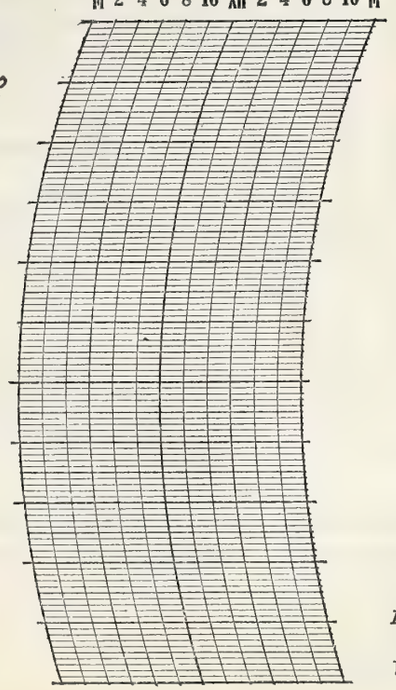
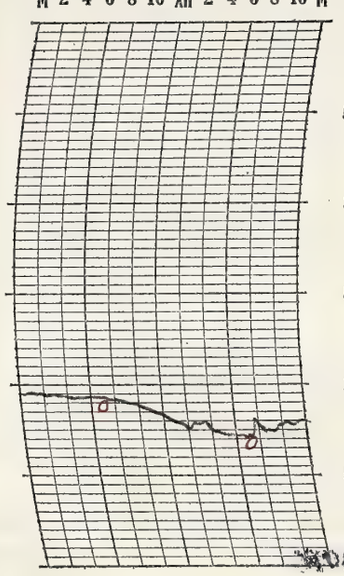


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Thunder was first heard at 1:52 p.m. Lightning was observed in the SW at 7:8 7p m and thunder heard at 7:36 p.m. Very severe thunderstorm occurred from 7:36p until 8:50 p.m. There were many bolts of lightning but no damage was reported

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 14 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	63	62	61	62	64	65	66	66	66	66	65	66	64	64	63	62	62	60	58	58	58
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:38 RE 6:56		RB 8:51	RE 9:30		
Amounts of precipitation																			T		T	T		
Cloudiness and other conditions					←	Clear			X		Pt Cldy		X	Cldy								→		
Sunshine (in tenths of hours)					0.17 0	0.6 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0	0	0					
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	W	NW
Wind movement	6	6	6	6	8	8	10	12	13	13	15	16	14	15	14	14	12	11	9	8	9	7	8	6
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 4:50 Character, Clear
Moonrise:
Sunset: Time, 6:41 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

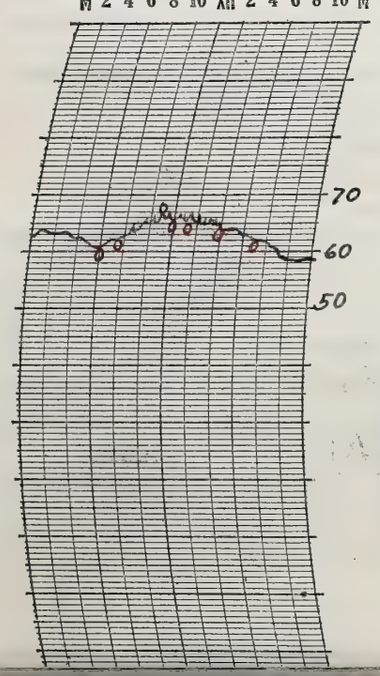
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	58	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .33 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.2 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 74
Prevailing wind direction, W Total wind, 246
Average hourly velocity, 10.2 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 11:01 a.m.
Reduced barometer, 29.73 7 a. m. 29.88 7 p. m.
River gage, 1.2 feet
Relative humidity, 80 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, 53.8
Dew-point, 48 R. humidity, 52 V. pressure, .334
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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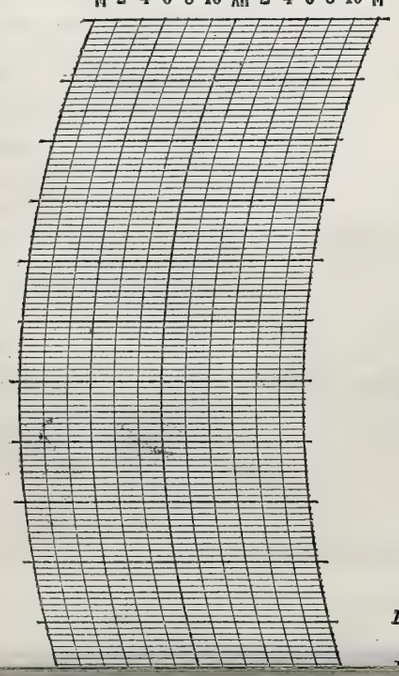
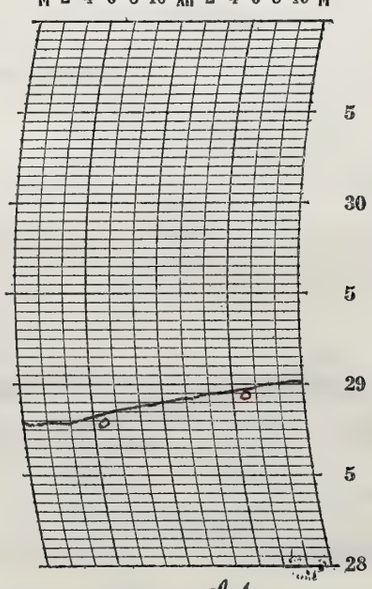


BAROGRAPH.



Prepared by E. H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 15 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	53	54	54	55	55	55	56	59	61	64	66	68	68	69	70	69	68	65	62	60	59	58	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy					×	Pt Cldy		×						Clear					→
Sunshine (in tenths of hours)					0	0	0	0.6	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	W	NW	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	5	5	6	6	5	5	9	10	13	13	14	13	13	12	11	8	5	6	5	3	2	3
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 4:51 Character, Cloudy
Moonrise:

Sunset: Time, 6:40 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

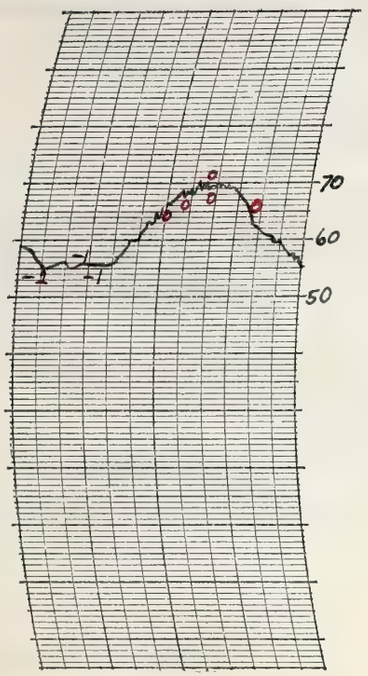
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 75
Prevailing wind direction, NW Total wind, 189
Average hourly velocity, 7.9 Extreme velocity, 17
Maximum velocity, 17 Direction, W
Time began, 12:43 p.m.
Reduced barometer, 30.03 7 a. m. 30.09 7 p. m.
River gage, 4.7 feet
Relative humidity, 83 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.8 Wet temperature, 54.8
Dew-point, 46 R. humidity, 49 V. pressure, .310
Clouds: Amount, 6; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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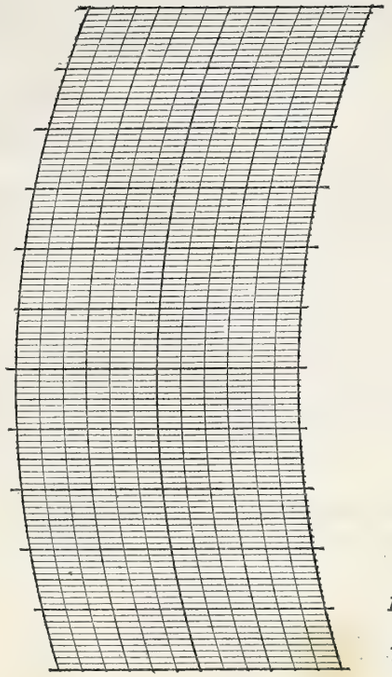
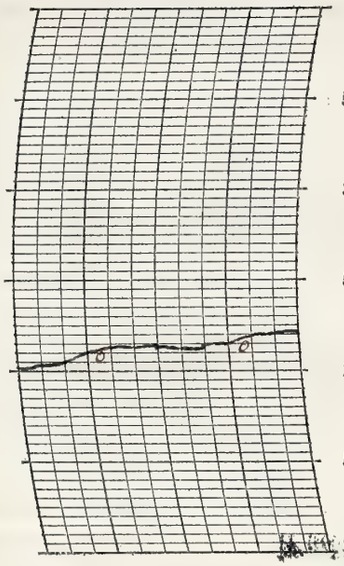


BAROGRAPH.



Prepared by E.H.
Verified by E.L.H

8—486

NOTES

Clear, cool morning followed by moderate temperatures in afternoon. Clear, cool at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 16 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	51	51	50	49	50	55	60	66	69	71	72	73	74	75	76	75	74	72	70	68	67	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						× P.Cldy	×	Cldy	×	Cldy	×	P.Cldy	×	Clear					→
	Sunrise: Time, 4:52 Character, Clear																				Sunset: Time, 6:39 Character, Cloudy			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)					0.13 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	NW	NW	NW	NW	0	NW	NW	NW	SW	SW	S	S	SE	SE	SE	S	S	S	S	S	S	SE	SE	S
Wind movement	1	1	1	1	0	1	1	1	2	4	4	3	5	6	6	7	7	4	1	2	3	4	2	5
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

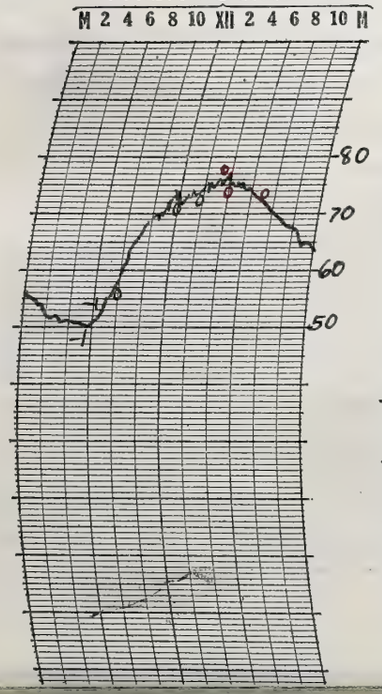
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	49	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.6 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 91
Prevailing wind direction, S Total wind, 72
Average hourly velocity, 3.0 Extreme velocity, 19
Maximum velocity, 19 Direction, SE
Time began, 1:21 p.m.
Reduced barometer, 30.23 7 a. m. 30.16 7 p. m.
River gage, 4.8 feet
Relative humidity, 73 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 56.9
Dew-point, 45 R. humidity, 38 V. pressure, .298
Clouds: Amount, 4; Kind, Cirst; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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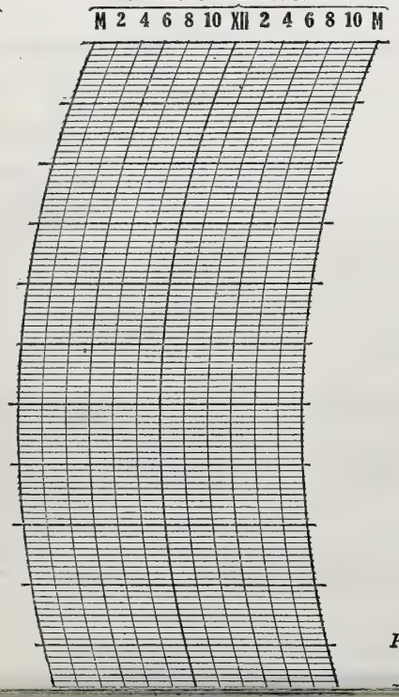
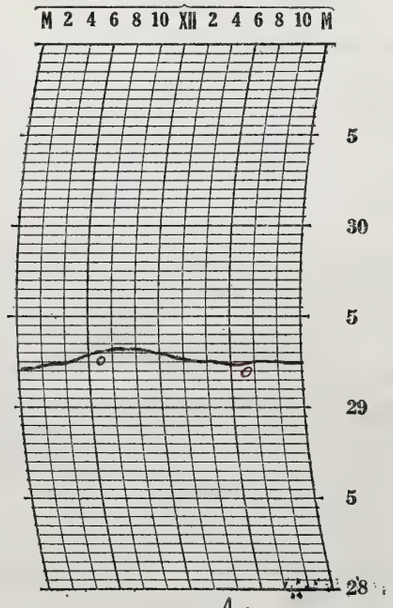


BAROGRAPH.



Prepared by [illegible]

NOTES

Very high clouds in the afternoon through which the sun shone.
Dense smoke 5:40 a - 6:00 a

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	60	59	59	62	67	72	76	79	81	82	84	84	84	82	81	77	75	73	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear								×			14	Cloudy				→	
Sunshine (in tenths of hours)					0.12 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	3	3	5	8	7	8	8	8	8	8	9	10	10	10	8	6	5	5	5	4	4	5
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 4:53 Character, Clear
Moonrise:
Sunset: Time, 6:37 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

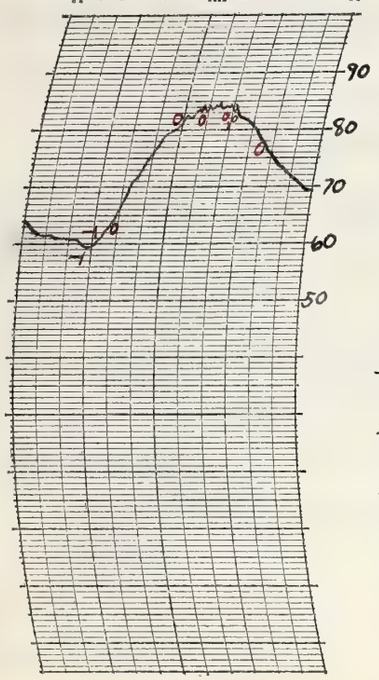
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	58	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 85
Prevailing wind direction, SW Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 2:06 p.m.
Reduced barometer, 30.18 7 a. m. 30.08 7 p. m.
River gage, 4.0 feet
Relative humidity, 77 7 a. m. 54 7 p. m.

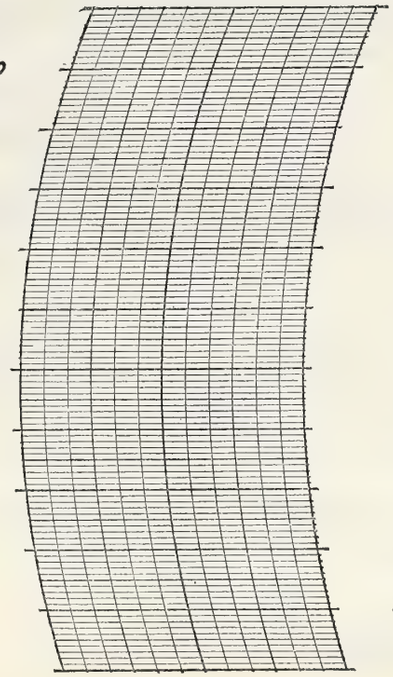
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.2 Wet temperature, 64.2
Dew-point, 54 R. humidity, 39 V. pressure, .417
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

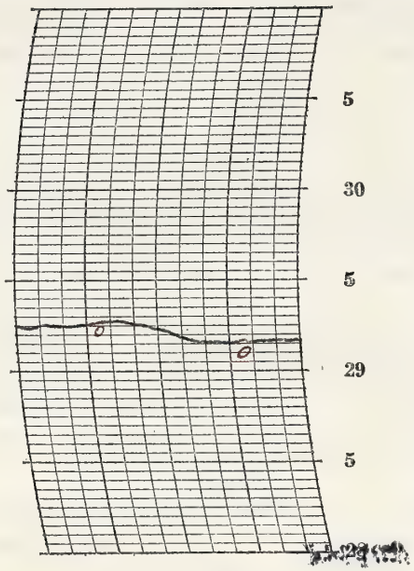
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E. S. H.

8—436

NOTES

Form No. 1014--Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 18 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	64	64	65	66	69	72	75	78	80	80	80	81	82	82	80	75	73	70	69	67	66
State of weather: Nature of precipitation and time of beginning and ending																	RB DNP	RF DNP						
Amounts of precipitation																	T	T						
Cloudiness and other conditions					← Part Cloudy								Cl. Pt Cloudy				Clear	Pt Cldy			→			
Sunrise: Time, 4:54 Character, Cloudy																					Sunset: Time, 6:36 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0.2	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	NE	NE	NE	NE	E	E	E	E	NE	S	N	N	N	N	NE	NE
Wind movement	5	6	5	7	5	2	3	4	4	5	7	6	7	4	3	4	3	4	9	8	7	5	9	10
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.9 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 65
Prevailing wind direction, SW Total wind, 133
Average hourly velocity, 5.5 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 11:47 p.m.
Reduced barometer, 30.11 7 a. m. 30.06 7 p. m.
River gage, 3.9 feet
Relative humidity, 81 7 a. m. 52 7 p. m.

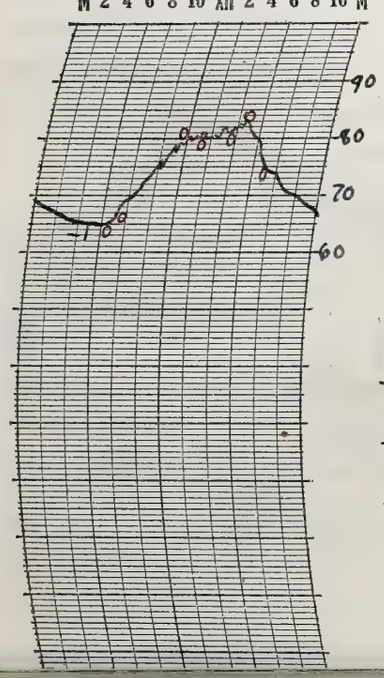
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

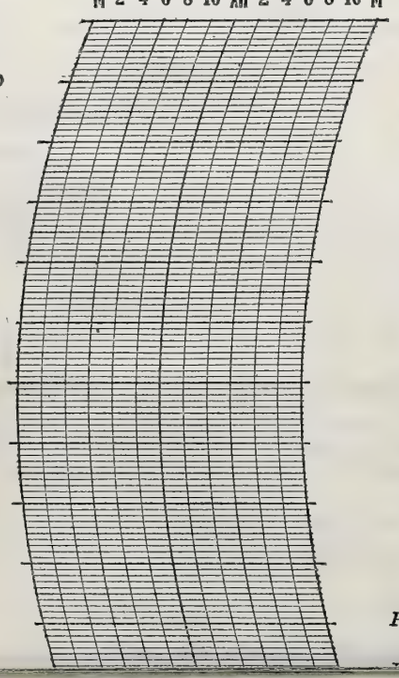
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 80.1 Wet temperature, 64.0
Dew-point, 54 R. humidity, 41 V. pressure, 417
Clouds: Amount, 3 (few); Kind, Cu (open) Direction, NW
Velocity of clouds (miles per hour)

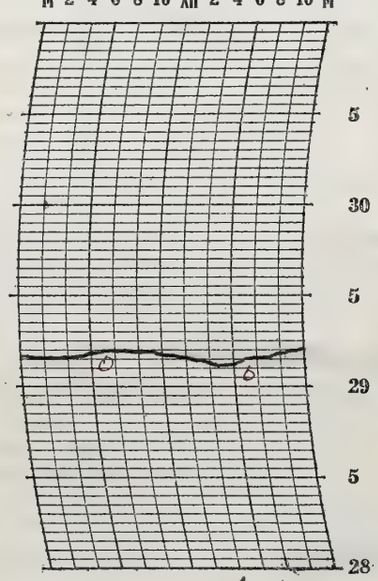
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H. Eyh.

NOTES

The rain fell sometime between 4:00 p.m. and 6:00 p.m. It consisted of only a few drops.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	58	56	54	55	57	61	64	66	68	68	70	71	72	73	72	70	67	64	62	60	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear										→		
Sunshine (in tenths of hours)					0.08 / 0	1.0 / 0	0.1 / 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	NE
Wind movement	10	13	10	10	9	8	10	12	11	11	10	10	10	10	10	9	9	7	6	6	5	4	3	5
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 4:55 Character, Clear
Moonrise:
Sunset: Time, 6:34 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

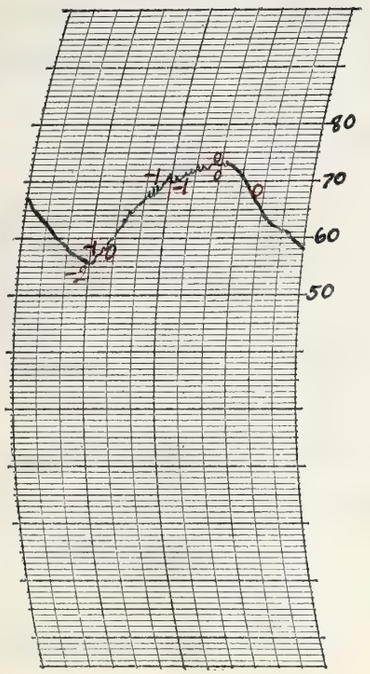
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.7 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 93
Prevailing wind direction, NE Total wind, 208
Average hourly velocity, 8.7 Extreme velocity, 17
Maximum velocity, 16 Direction, NE
Time began, 7:23 2 m.
Reduced barometer, 30.23 7 a. m. 30.23 7 p. m.
River gage, 3.8 fall
Relative humidity, 84 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 68.1 Wet temperature, 55.9
Dew-point, 47 R. humidity, 46 V. pressure, 322
Clouds: Amount, Few; Kind, cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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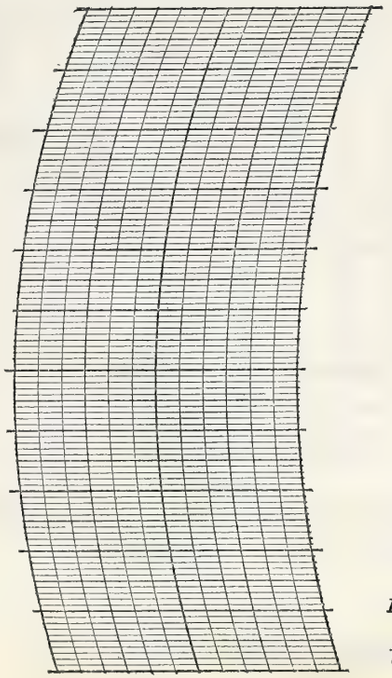
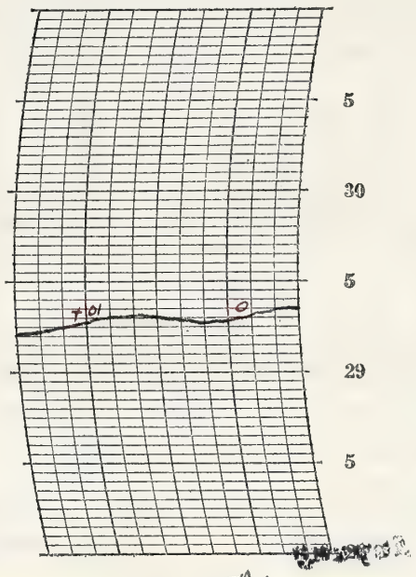


BAROGRAPH.



Prepared by EW
Verified by E.L.H.

8—436

NOTES

Very heavy dew in the morning
Clear, cool beautiful day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 20 1929, 192

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	50	62	

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	52	51	50	52	57	63	66	68	70	71	72	73	74	74	74	73	70	68	67	66	64	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Clear								×		Cldy	→			
Sunshine (in tenths of hours)					0.07 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	S E	E	E	E	E
Wind movement	4	4	3	4	3	4	5	4	7	8	7	7	6	6	5	5	4	4	4	5	3	4	4	5
Maximum velocities (exceeding 2.4 miles) direction and time																								

Sunrise: Time, 4:56 Character, Clear
Moonrise:
Sunset: Time, 6:33 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

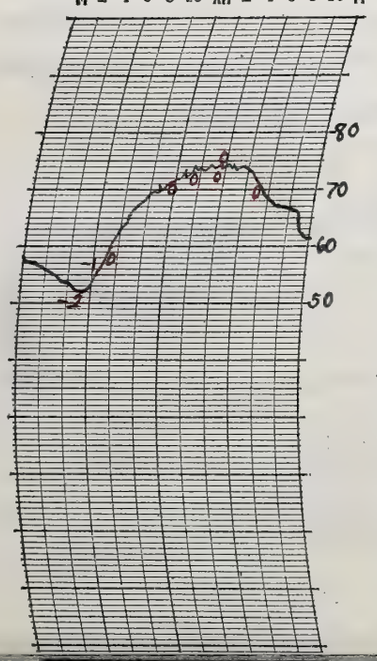
Excessive precipitation, accumulated amounts

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.5 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 92
Prevailing wind direction, E Total wind, 115
Average hourly velocity, 7.8 Extreme velocity, 11
Maximum velocity, 11 Direction, NW
Time began, 10:09 2m
Reduced barometer, 30.32 7 a. m. 30.22 7 p. m.
River gage, 3.1 feet
Relative humidity, 80 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.2 Wet temperature, 55.1
Dew-point, 41 R. humidity, 34 V. pressure, .256
Clouds: Amount, Few; Kind, cu.; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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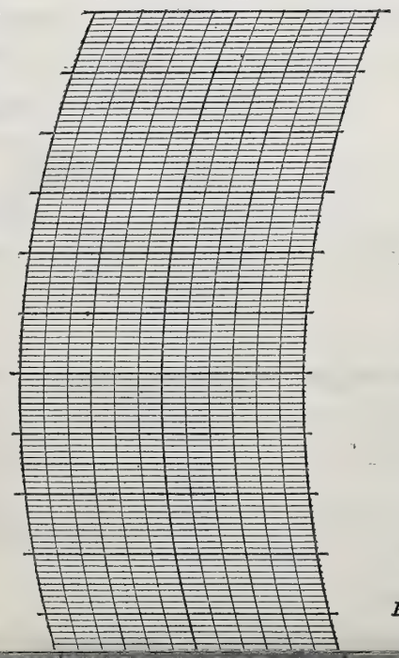
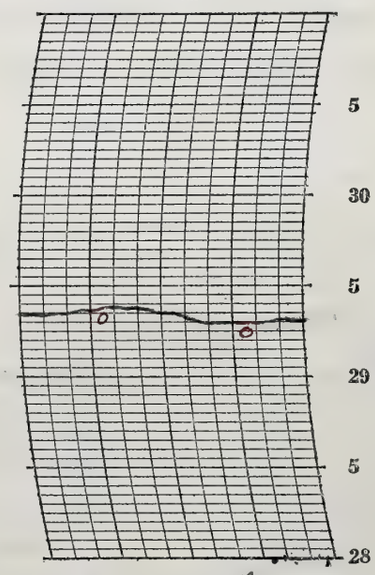


BAROGRAPH.



Prepared by [illegible]

NOTES

Very heavy dew in the morning. Clear, cool, but pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	56	56	57	61	69	74	77	79	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy							
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	E	E	S	S	S	S	S
Wind movement	4	4	4	2	3	2	3	5	5	5	7	6
Maximum velocities (exceeding ___ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	83	83	82	81	77	76	74	73	72	70
State of weather: Nature of precipitation and time of beginning and ending												RB DWP RE DWP
Amounts of precipitation												T
Cloudiness and other conditions						×Clear×	Pt Cldy					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	S
Wind movement	7	8	8	9	6	5	5	7	7	7	6	6

Sunrise: Time, 4:57 Character, Cloudy
Moonrise: ___ ___

Sunset: Time, 6:31 Character, Cloudy
Moonset: ___ ___

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

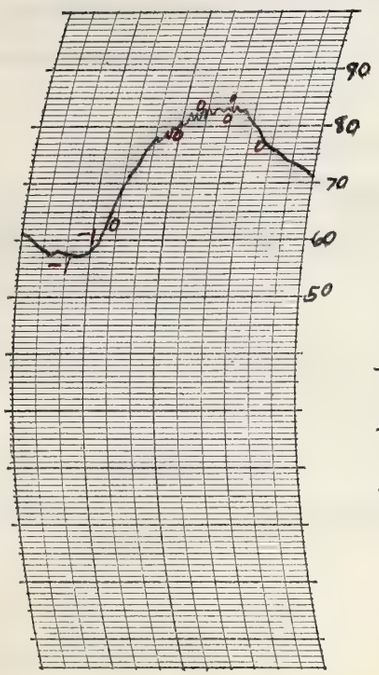
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	56	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, ___
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.5 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 77
Prevailing wind direction, S Total wind, 131
Average hourly velocity, 5.5 Extreme velocity, 11
Maximum velocity, 11 Direction, SE
Time began, 2:49 pm
Reduced barometer, 30.25 7 a. m. 30.09 7 p. m.
River gage, 2.4 feet
Relative humidity, 68 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.9 Wet temperature, 61.4
Dew-point, 49 R. humidity, 34 V. pressure, 342
Clouds: Amount, 4; Kind, Ci; Direction, NW
Velocity of clouds (miles per hour) ___

THERMOGRAPH



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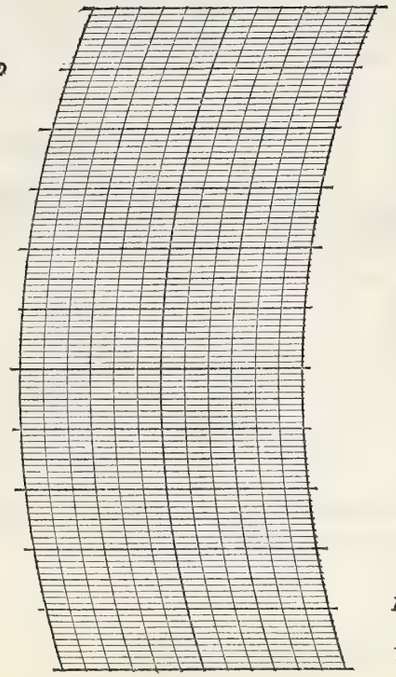
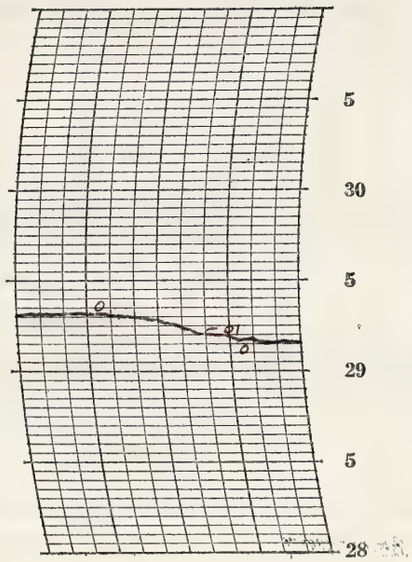


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—436

NOTES

Partly cloudy warm day, threatening in the early morning and a very light sprinkle at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	69	68	69	69	72	74	77	73	73	76	76	83	85	87	86	85	83	81	80	80	80	78
State of weather: Nature of precipitation and time of beginning and ending												RB 11:25 RE 11:10 RB 11:15 RE 11:50	RB 12:20 RE 12:40											
Amounts of precipitation												T	T											
Cloudiness and other conditions					← Clear				Pt Cldy			Cldy	× Pt Cldy								→			
Sunrise: Time, 4:58 Character, Cloudy																					Sunset: Time, 6:30 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0.5	0.3	0.1	0	0	0	0.1	1.0	1.0	1.0	0.5	0.1	0					
Wind direction	S	S	S	SE	S	S	S	SW	W	W	S	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW
Wind movement	7	6	6	7	7	10	9	11	13	6	4	12	12	14	14	14	10	6	6	9	8	8	8	10
Maximum velocities (exceeding 65 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.6 Possible sunshine, hours 13.5
Per cent of possible sunshine, 34
Prevailing wind direction, SW Total wind, 217
Average hourly velocity, 9.0 Extreme velocity, 20
Maximum velocity, 18 Direction, SW
Time began, 1:32 p.m.
Reduced barometer, 29.98 7 a. m. 29.90 7 p. m.
River gage, 1.3 feet
Relative humidity, 67 7 a. m. 62 7 p. m.

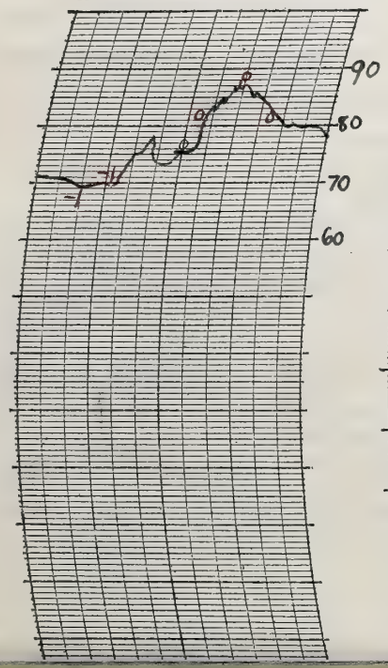
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.6 Wet temperature, 70.8
Dew-point, 69 R. humidity, 79 V. pressure, .707
Clouds: Amount, 10; Kind, stratus; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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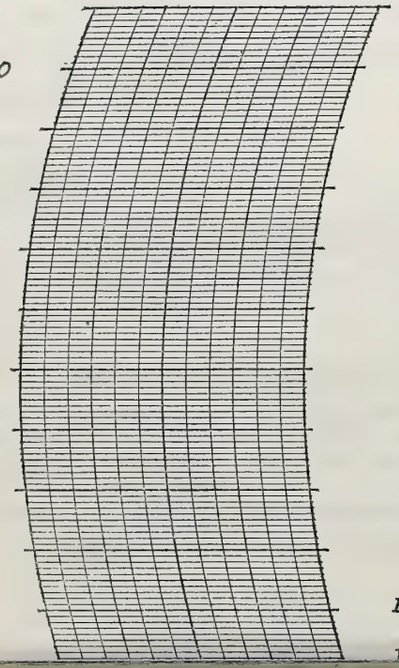
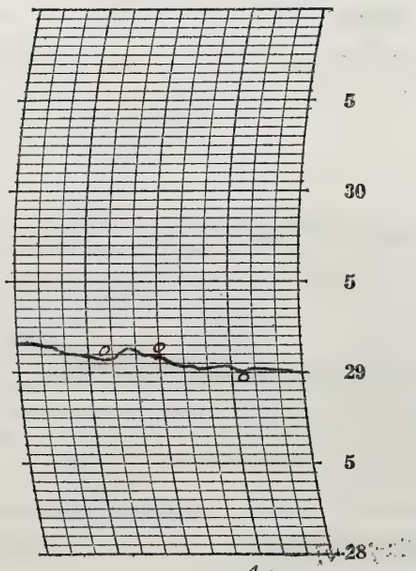


BAROGRAPH.



Prepared by

Verified by

NOTES.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	77	77	76	74	72	73	75	78	79	82	82	83	83	84	83	82	78	76	74	72	70	70
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10	RE 6:10			RB 9:15 RE 9:35							RB 4:05	RE 5:10						
Amounts of precipitation						T	T			T							.01	T						
Cloudiness and other conditions							Cloudy						Cloudy				Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	N	N	NE
Wind movement	11	8	6	8	10	14	9	7	10	11	8	10	9	9	10	9	6	5	2	7	6	5	5	6
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 4:59 Character, Cloudy
Moonrise:
Sunset: Time, 6:28 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

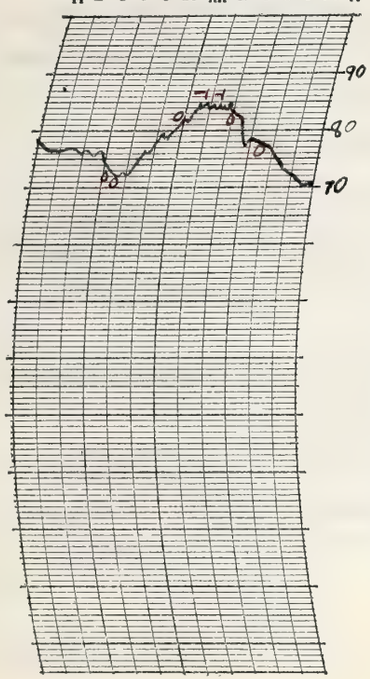
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	70	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.1 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 53
Prevailing wind direction, SW Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 24
Maximum velocity, 19 Direction, SW
Time began, 5:22 a.m.
Reduced barometer, 29.99 7 a. m. 29.90 7 p. m.
River gage, 1.4 feet
Relative humidity, 89 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.8 Wet temperature, 70.8
Dew-point, 66 R. humidity, 58 V. pressure, 638
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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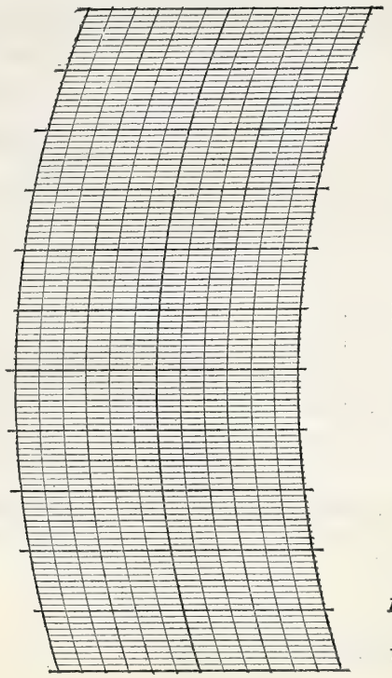
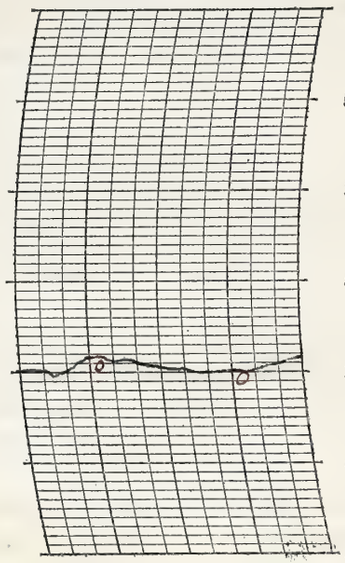


BAROGRAPH.



Prepared by E.J.
Verified by E.L.H.

8—486

NOTES

Thunder was first heard at 3:59 p.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	64	63	62	64	70	73	76	77	77	79	80	81	81	80	78	76	74	71	69	67	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear																	
Sunshine (in tenths of hours)						1.00 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.45 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	E	E	E	E	SE
Wind movement	5	8	6	6	5	7	5	5	9	9	8	10	8	7	7	6	6	6	4	4	3	1	2	3

Sunrise: Time, 5:00 Character, Clear
Moonrise:
Sunset: Time, 6:27 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

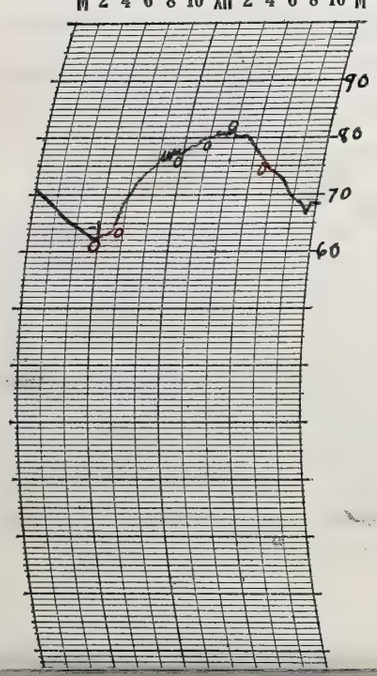
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 140
Average hourly velocity, 5.8 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 11:48 2 m
Reduced barometer, 30.05 7 a. m. 30.05 7 p. m.
River gage, 1.4 feet
Relative humidity, 77 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 61.4
Dew-point, 51 R. humidity, 41 V. pressure, .373
Clouds: Amount, 1; Kind, Cirr.; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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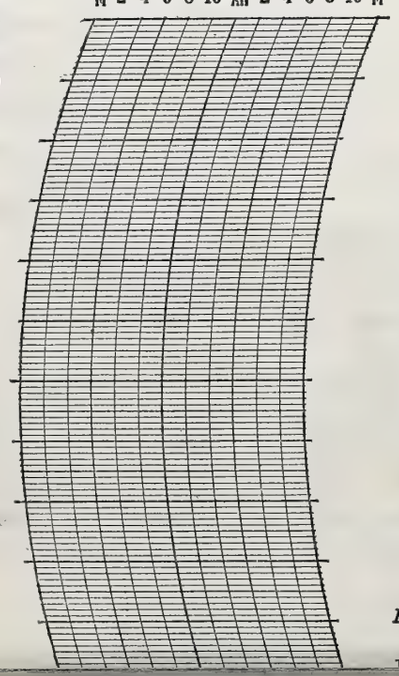
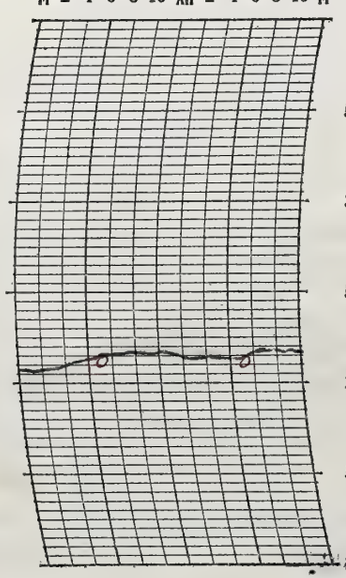


BAROGRAPH.



Prepared by E. H.
Verified by E. H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 25 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	63	62	62	61	61	64	71	76	78	81	83	83	85	85	85	84	81	79	77	75	73	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear			×	Pt Cldy	Cldy	Cldy	Pt Cldy		×		Clear						
Sunshine (in tenths of hours)						1.00 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.42 0					
Wind direction	SE	NE	N	N	N	O	N	E	SE	SE	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	3	3	2	1	1	0	2	1	3	3	5	6	5	4	5	4	4	4	2	3	3	4	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:00 Character, Clear
Moonrise:
Sunset: Time, 6:25 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	60	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 74
Average hourly velocity, 3.1 Extreme velocity, 7
Maximum velocity, 7 Direction, S
Time began, 11:06 am
Reduced barometer, 30.15 7 a. m. 30.08 7 p. m.
River gage, 1.4 feet
Relative humidity, 75 7 a. m. 52 7 p. m.

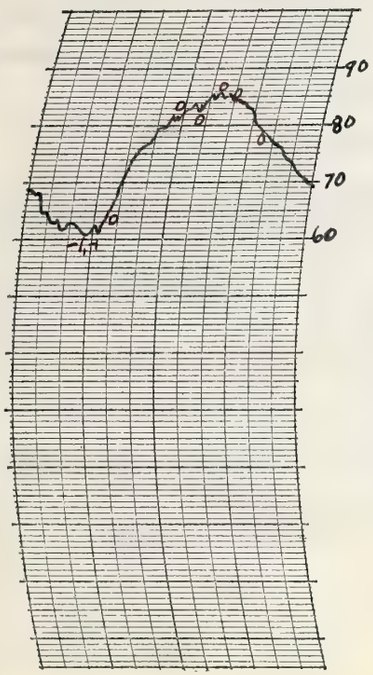
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.0 Wet temperature, 64.0
Dew-point, 52 R. humidity, 34 V. pressure, .387
Clouds: Amount, 7; Kind, ci; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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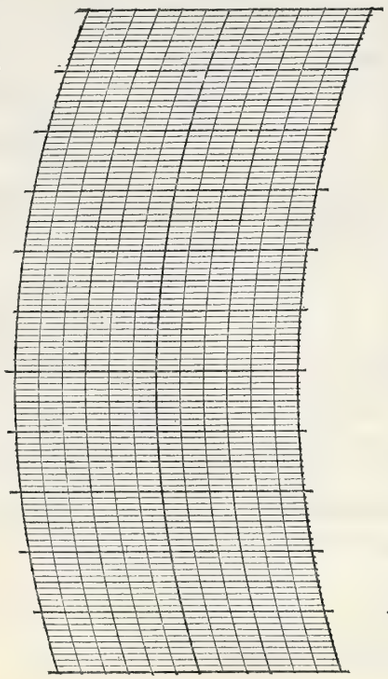
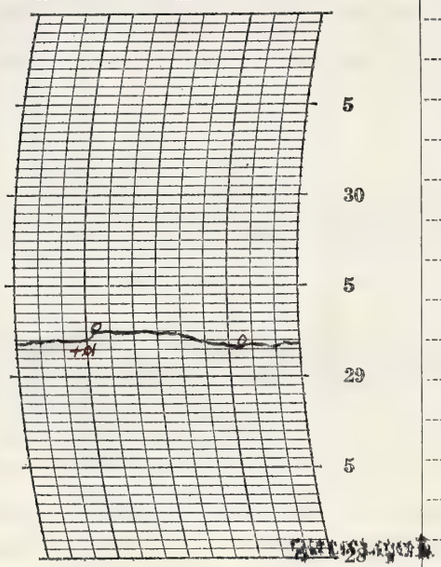


BAROGRAPH.



Prepared by CH
Verified by EJH.

8—486

NOTES

Clear, warm beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 26 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	66	65	64	64	67	71	77	80	82	83	86	87	86	86	86	83	81	79	76	74	73	71
State of weather: Nature of precipitation and time of beginning and ending																						RB 9:15 RE 9:30		RB 11:15 SE DNP
Amounts of precipitation																						T		T
Cloudiness and other conditions							Clear								X	Pt Cldy				X	Cloudy			
Sunrise: Time, 5:02 Character, Clear																								
Moonrise:																								
Sunset: Time, 6:24 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0.97 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	SW
Wind movement	4	3	2	2	3	4	5	7	8	6	6	7	7	7	9	8	6	5	5	6	5	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.2 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 91
Prevailing wind direction, W Total wind, 136
Average hourly velocity, 5.7 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 2:51 pm
Reduced barometer, 30.13 7 a. m. 30.01 7 p. m.
River gage, 1.4 feet
Relative humidity, 73 7 a. m. 59 7 p. m.

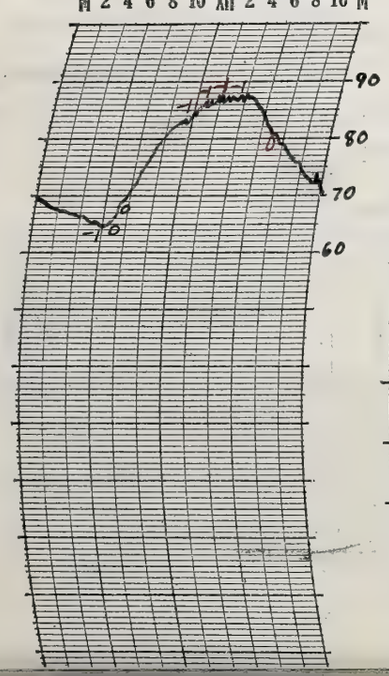
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

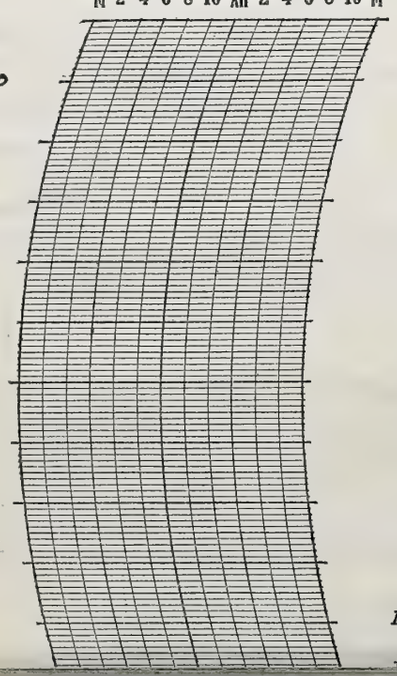
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.3 Wet temperature, 65.9
Dew-point, 56 R. humidity, 39 V. pressure, .448
Clouds: Amount, few; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

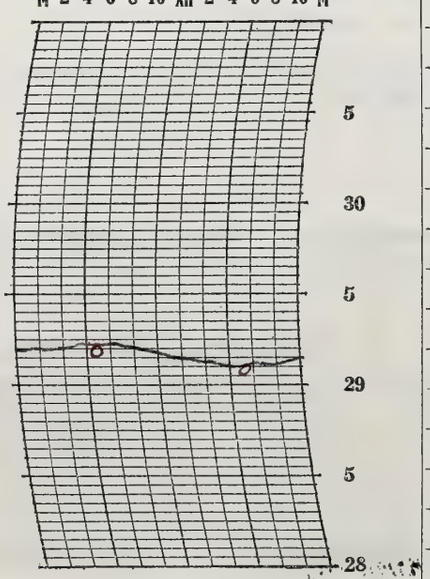
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. G. H.

NOTES

9:15 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 27 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	68	65	62	60	57	57	59	63	66	67	70	71	73	74	73	73	73	71	68	65	61	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt Cldy									Clear									→
Sunrise: Time, 5:03 Character, Cloudy																					Sunset: Time, 6:22 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.37 0					
Wind direction	S	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	3	9	9	9	8	8	8	8	7	7	9	9	10	10	9	9	10	6	3	3	3	5	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

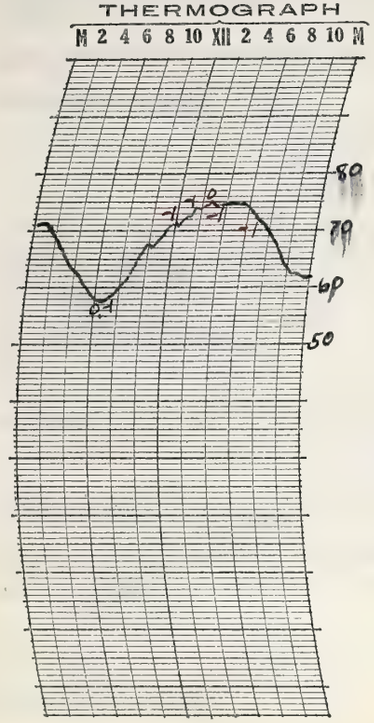
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	57	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 89
Prevailing wind direction, N Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 13
Maximum velocity, 13 Direction, N
Time began, 12:44 pm
Reduced barometer, 30.11 7 a. m. 30.07 7 p. m.
River gage, 1.4 feet
Relative humidity, 77 7 a. m. 48 7 p. m.

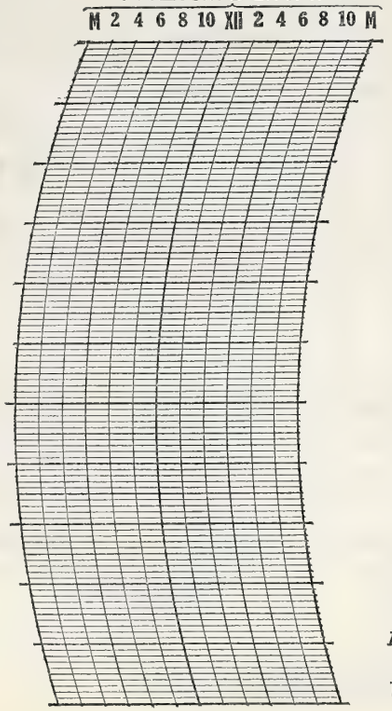
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.2 Wet temperature, 59.1
Dew-point, 51 R. humidity, 52 V. pressure, .373
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

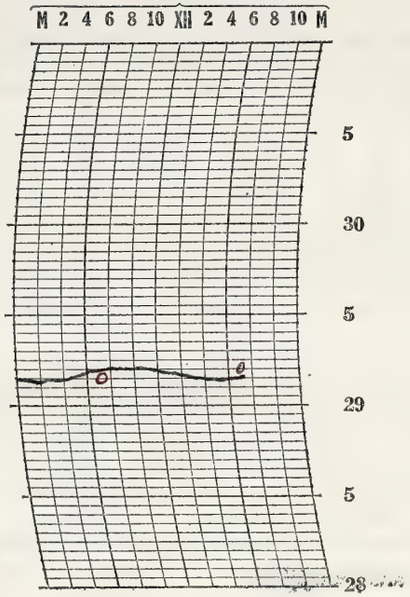
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 28 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	56	55	54	55	58	62	64	66	67	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Pcldy	X				
Sunshine (in tenths of hours)						0.93 0	0.2 0.4	1.0	0.9	1.0	0.6	0.8
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	E	NE	NE
Wind movement	3	4	6	5	4	4	4	4	5	3	3	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	69	70	69	69	67	66	65	65	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0.4	0.9	0.4	0.7	0.6	0	0					
Wind direction	N	N	NE	NE	E	E	SE	SE	SE	SE	NE	NE
Wind movement	3	4	4	3	4	4	4	4	4	3	2	3

Sunrise: Time, 5:04 Character, Clear
Moonrise:
Sunset: Time, 6:21 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

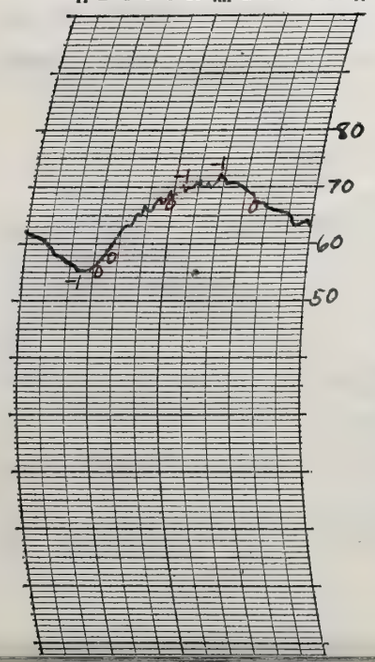
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.8 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 66
Prevailing wind direction, NE Total wind, 90
Average hourly velocity, 3.8 Extreme velocity, 7
Maximum velocity, 7 Direction, NE
Time began, 2:51 a. m.
Reduced barometer, 30.13 7 a. m. 30.06 7 p. m.
River gage, 1.4 feet
Relative humidity, 86 7 a. m. 68 7 p. m.

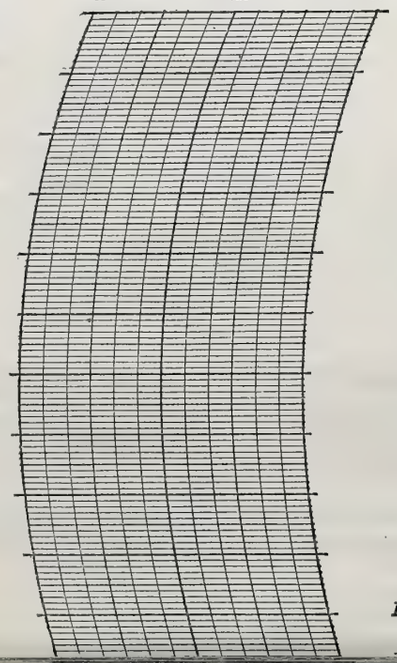
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.6 Wet temperature, 58.8
Dew-point, 53 R. humidity, 59 V. pressure, 402
Clouds: Amount, 9; Kind, Stu; Direction, N
Velocity of clouds (miles per hour)

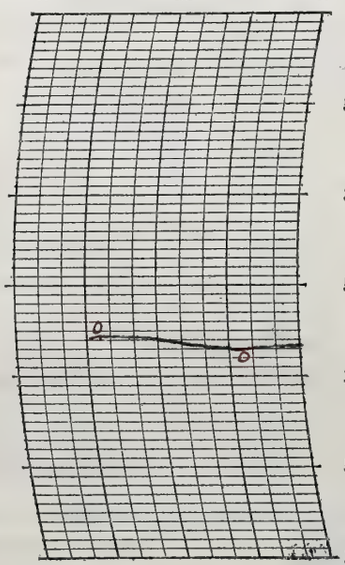
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 29 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	59	57	56	58	61	66	69	70	72	73	71	72	72	71	70	69	67	66	64	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy						→	Pt Cldy				× Cldy × Pt Cldy				× Clear →			
Sunrise: Time, 5:04 Character, Cloudy																					Sunset: Time, 6:19 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0.2	0.4	1.0	1.0	0.6	0.8	0.7	0.6	0.9	0	0.4	0	0					
Wind direction	N	N	N	N	N	N	N	N	N	NE	E	SE	S	E	E	NE	E	E	E	SE	SE	E	E	E
Wind movement	2	4	1	3	2	2	2	3	2	2	4	4	3	4	3	3	3	3	4	3	5	3	3	1
Maximum velocities (exceeding 30 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	56	64	

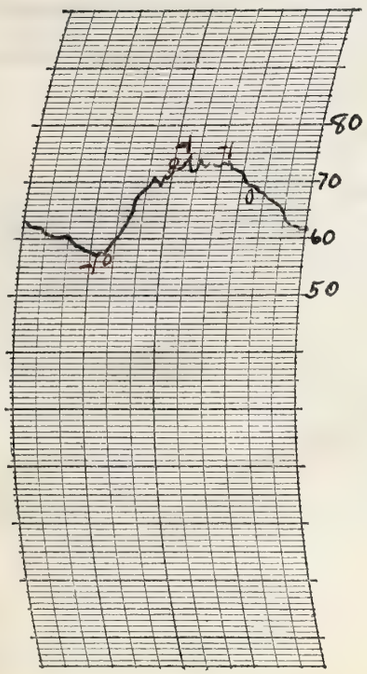
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 50
Prevailing wind direction, N & E Total wind, 69
Average hourly velocity, 2.9 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 1:34 pm
Reduced barometer, 30.12 7 a. m. 30.12 7 p. m.
River gage, 1.3 fall
Relative humidity, 85 7 a. m. 61 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.0 Wet temperature, 61.1
Dew-point, 54 R. humidity, 53 V. pressure, .417
Clouds: Amount, 7; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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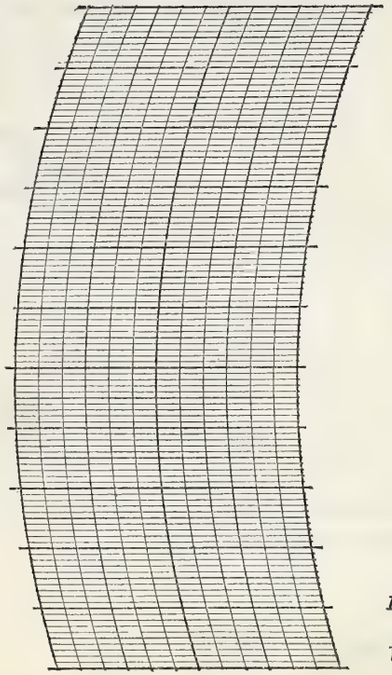
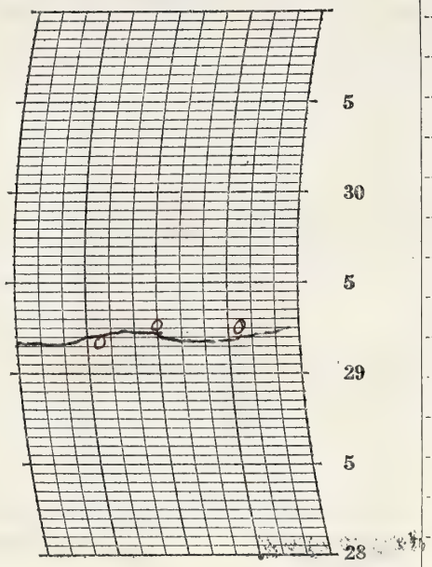


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 30 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	54	55	60	65	69	72	74	75	76	78	78	78	76	75	73	71	70	68	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear					X	Pt	Cldy		X		Clear				→
Sunrise: Time, 5:05 Character ~~Clear~~																					Sunset: Time, 6:17 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.00 0	0.28 0					
Wind direction	E	E	E	E	E	E	SE	S	S	S	S	S	S	S	S	SW	S	SE	SE	S	S	S	S	S
Wind movement	1	3	2	3	4	2	2	5	4	6	5	6	5	6	5	5	5	5	3	5	6	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

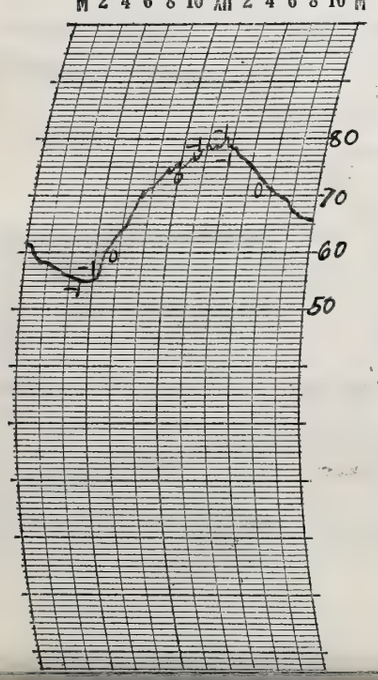
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 89
Prevailing wind direction, S Total wind, 109
Average hourly velocity, 4.5 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 11:35 p.m.
Reduced barometer, 30.26 7 a. m. 30.18 7 p. m.
River gage, 1.3 feet
Relative humidity, 76 7 a. m. 61 7 p. m.

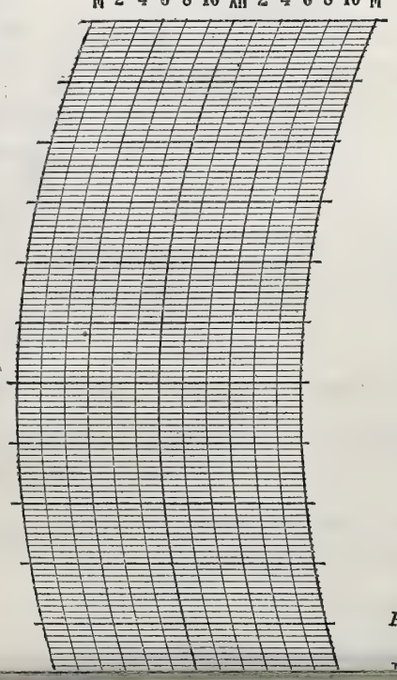
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.9 Wet temperature, 61.1
Dew-point, 52 R. humidity, 45 V. pressure, 38.7
Clouds: Amount, Few; Kind, Cu.; Direction, N
Velocity of clouds (miles per hour)

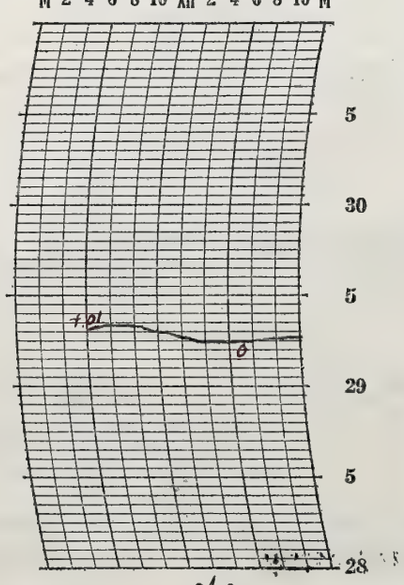
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. H.

Verified by

NOTES

Very heavy dew in early morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 31 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	64	63	62	62	64	68	74	78	80	82	83	84	84	82	82	80	77	75	73	72	70	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cldy	Cldy	Pt Cldy	Pt Cldy	Clear				Pt Cldy										
Sunshine (in tenths of hours)						0	0.1	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.3	0	0					
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	6	7	7	6	7	9	6	6	9	8	8	7	8	7	5	6	6	6	7	7	6	7
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 5:07 Character, Cloudy
Moonrise:
Sunset: Time, 6:16 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

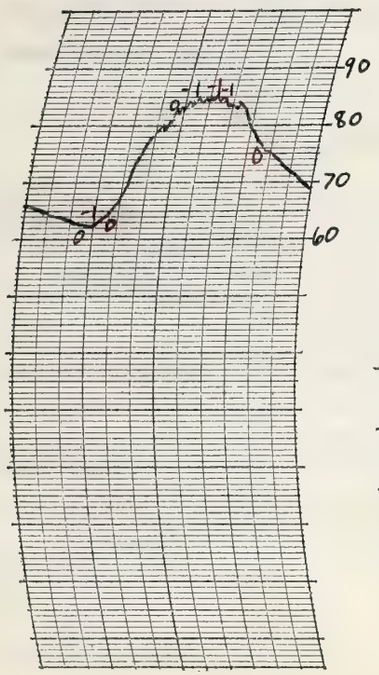
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	62	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.4 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 10:15 2 m
Reduced barometer, 30.24 7 a. m. 30.18 7 p. m.
River gage, 13 feet
Relative humidity, 71 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.1 Wet temperature, 67.2
Dew-point, 59 R. humidity, 46 V. pressure, 499
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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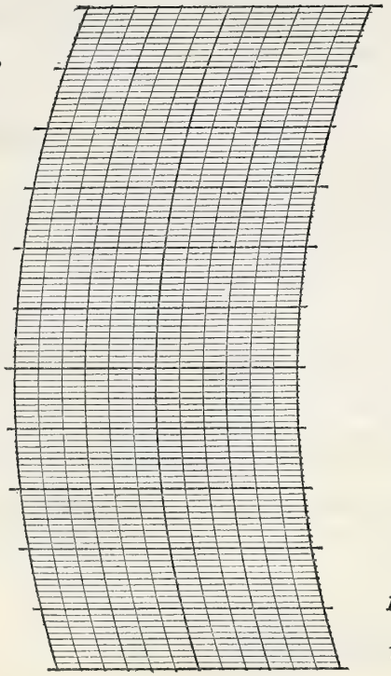

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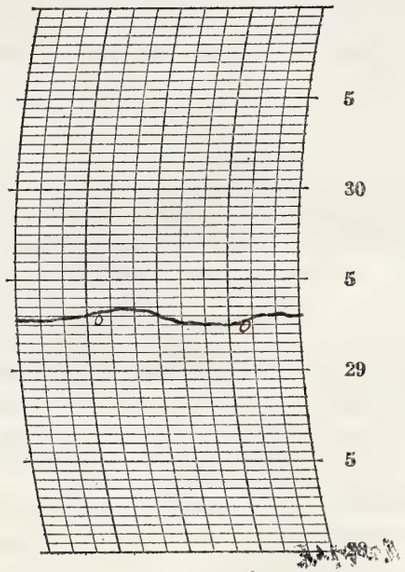


Prepared by GJ
Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	65	65	65	64	65	72	77	81	82	82	83	84	85	84	85	82	78	76	73	71	69	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					? Smoke								Clear						Smoke					
Sunshine (in tenths of hours)						0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	5	5	3	4	5	3	2	2	1	2	5	7	8	8	9	8	6	4	3	5	5	5	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:08 Character, Smoky
Moonrise:

Sunset: Time, 6:14 Character, Smoky
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

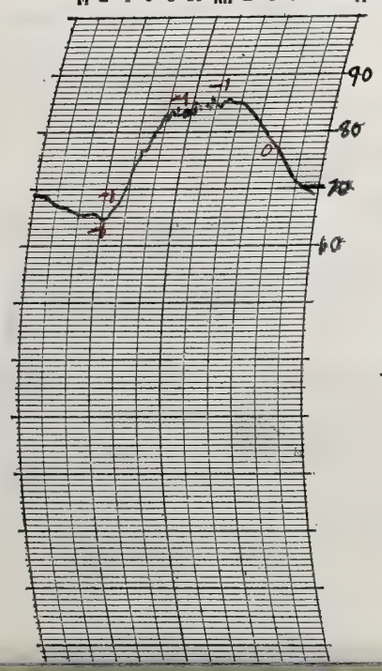
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.6 Possible sunshine, hours 13.1
Per cent of possible sunshine, 81
Prevailing wind direction, S Total wind, 118
Average hourly velocity, 4.9 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 2:04 p.m.
Reduced barometer, 30.25 7 a. m. 30.14 7 p. m.
River gage, 1.3 feet
Relative humidity, 79 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 65.8
Dew-point, 57 R. humidity, 42 V. pressure, 465
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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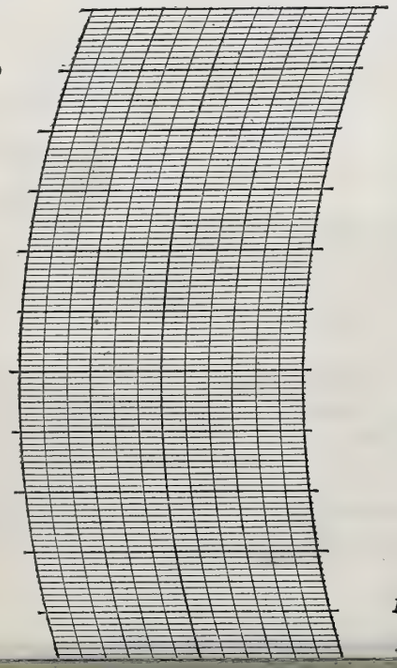
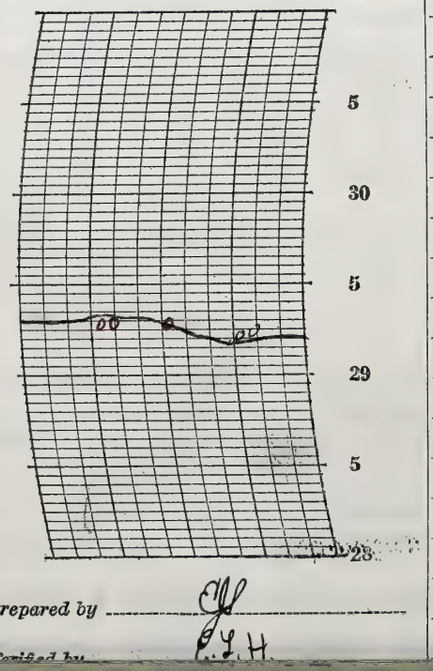


BAROGRAPH.



Prepared by EJ

Verified by P.G.H.

NOTES

Light smoke 0N2 – 6:35a
Light smoke 5:00p – 6:30p

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	65	65	64	64	68	69	74	80	85	88	88	89	89	89	88	84	81	79	77	76	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear →																	
Sunshine (in tenths of hours)						0.85 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	0.20 0					
Wind direction	S	S	S	S	S	S	S	SW	SW	S	SW	SW	SW	S	SW	SW	S	S	S	S	S	SW	SW	SW
Wind movement	9	7	8	8	7	9	7	7	7	6	7	10	10	11	12	11	7	7	6	6	8	7	6	7
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 5:09 Character, Clear
Moonrise:
Sunset: Time, 6:12 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

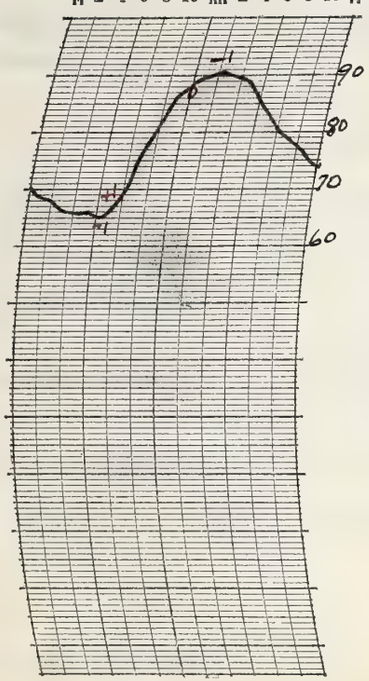
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 190
Average hourly velocity, 7.9 Extreme velocity, 16
Maximum velocity, 16 Direction, S
Time began, 2:19 p.m.
Reduced barometer, 30.14 7 a. m., 30.05 7 p. m.
River gage, 1.3 feet
Relative humidity, 78 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.9 Wet temperature, 70.1
Dew-point, 61 R. humidity, 41 V. pressure, .536
Clouds: Amount, 1; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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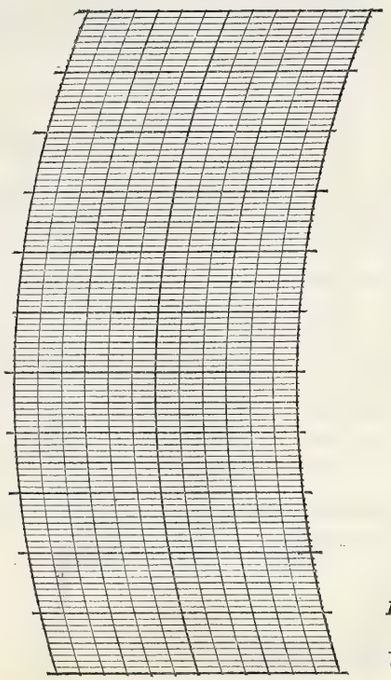
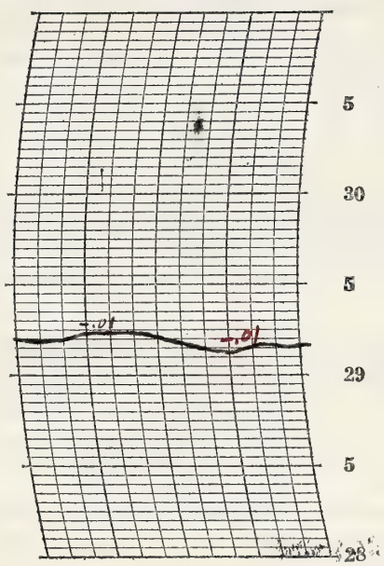


BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 3 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	68	67	66	66	69	71	79	81	86	87	89	90	89	90	87	84	81	79	78	75	74	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Clear											→
Sunshine (in tenths of hours)						0.83 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.18 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	5	5	7	6	5	5	4	6	7	8	11	9	10	10	10	10	9	6	7	6	7	8	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:10 Character, Clear
Moonrise:
Sunset: Time, 6:11 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

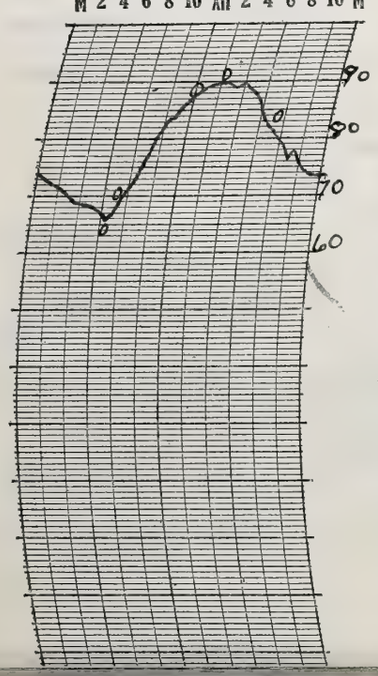
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	66	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 173
Average hourly velocity, 7.2 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 9:56 a. m.
Reduced barometer, 30.10 7 a. m. 30.00 7 p. m.
River gage, 1.3 feet
Relative humidity, 77 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.1 Wet temperature, 67.0
Dew-point, 56 R. humidity, 34 V. pressure, .448
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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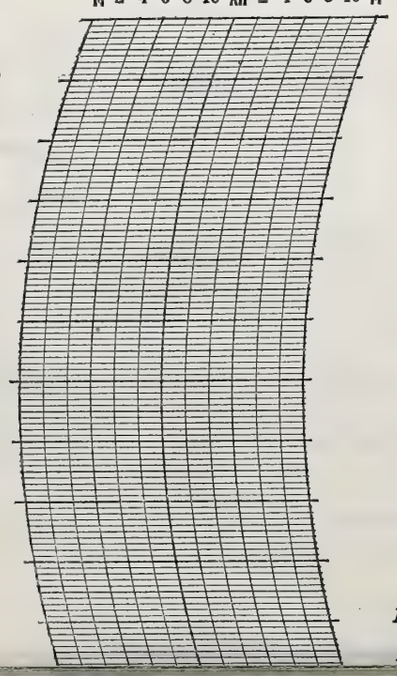
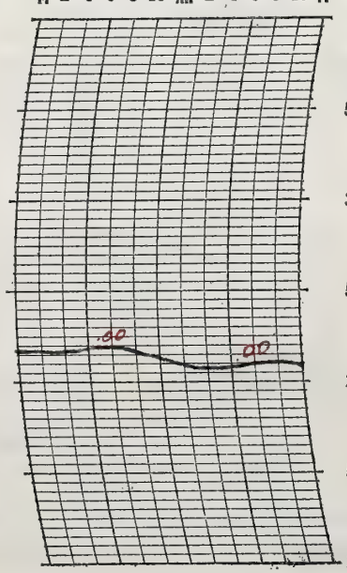


BAROGRAPH.



Prepared by C. H. H.

NOTES

Clear, hot day. Few thin clouds at noon, and a few high clouds at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 4 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	70	69	69	67	66	68	73	78	80	85	86	86	87	87	86	84	82	80	79	76	75	74	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear								Clear									
Sunshine (in tenths of hours)						0.82 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SW	S	SW	SW	SW	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	SW	S	SW	S	S	S
Wind movement	5	7	6	6	5	8	7	8	8	7	9	8	10	10	12	10	9	6	6	7	5	8	8	7

Sunrise: Time, 5:11 Character, Clear

Moonrise:

Sunset: Time, 6:09 Character, Cloudy

Moonset:

Maximum velocities (exceeding 22 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	66	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 92

Prevailing wind direction, S Total wind, 185

Average hourly velocity, 7.7 Extreme velocity, 15

Maximum velocity, 14 Direction, S

Time began, 2:18 pm

Reduced barometer, 30.00 7 a. m., 29.84 7 p. m.

River gage, 1.3 fall

Relative humidity, 76 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

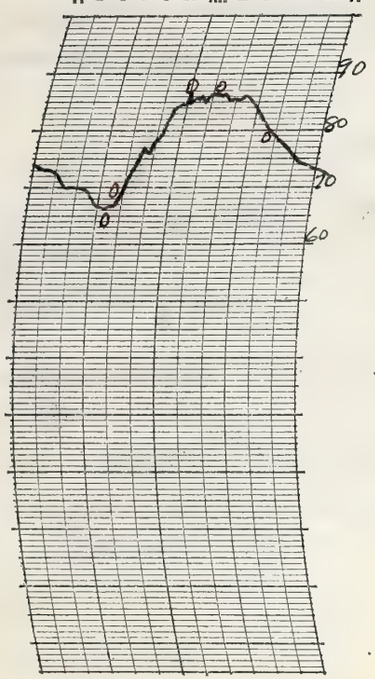
Dry temperature, 85.7 Wet temperature, 70.6

Dew-point, 64 R. humidity, 48 V. pressure, .595

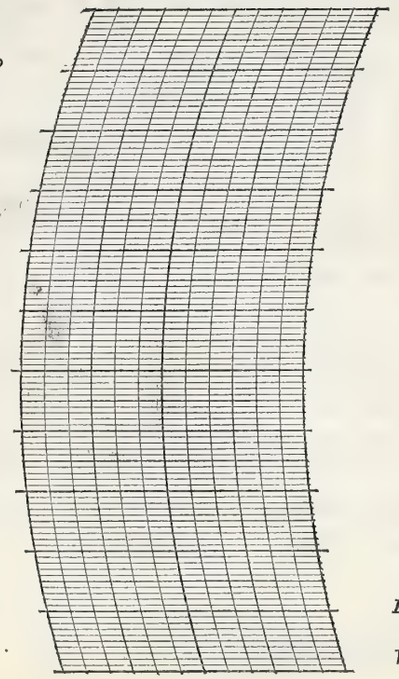
Clouds: Amount, 1; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

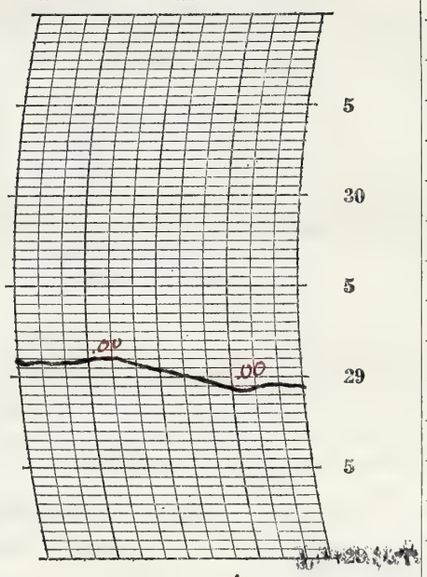
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF.

Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 5 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	70	69	69	69	72	77	80	81	77	79
											RB 10:40	RE 11:15
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation											03	T
Cloudiness and other conditions						←Clear		—	Pr Cldy	—		
Sunshine (in tenths of hours)						0.82 0	0.2 0.8	1.0	1.0	1.0	0.2	0.8
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	5	7	6	5	8	8	8	9	10	11	10	9

	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	81	81	80	83	80	77	77	76	71	71	71	70
									RB 8:15			RE DNp
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation									.28	.28	.03	T
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	1.0	0.7	0	0.6	0.1	0	0					
Wind direction	SW	SW	SW	SW	W	W	W	W	N	N	N	N
Wind movement	7	7	6	4	4	4	3	2	4	2	2	4

Sunrise: Time, 5:11 Character, Clear
Moonrise:
Sunset: Time, 6:08 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

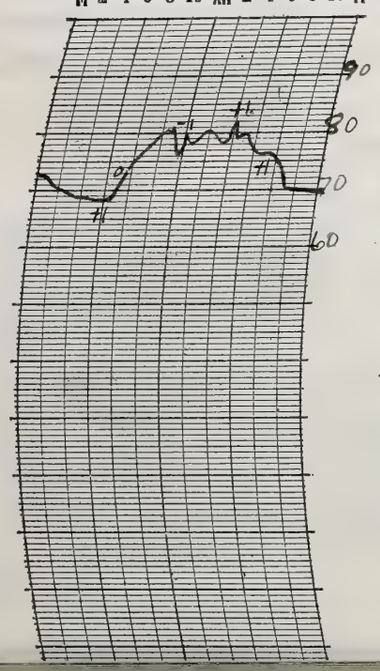
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	69	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .62 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.2 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 63
Prevailing wind direction, S+SW Total wind, 146
Average hourly velocity, 6.1 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 11:42 2 AM
Reduced barometer, 29.83 7 a. m., 29.83 7 p. m.
River gage, 1.3 fall
Relative humidity, 80 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.9 Wet temperature, 71.4
Dew-point, 68 R. humidity, 70 V. pressure, 68.4
Clouds: Amount, 9; Kind, Strat; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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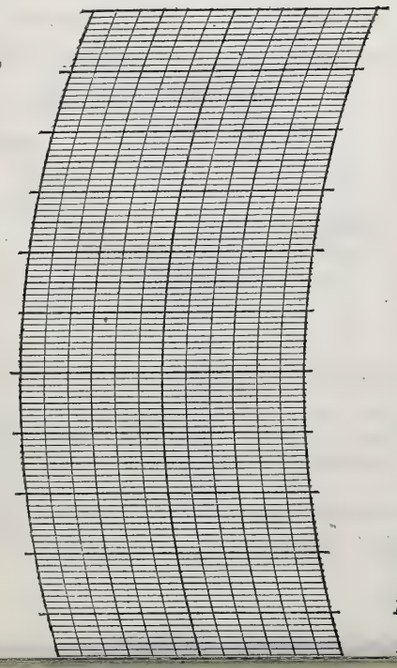
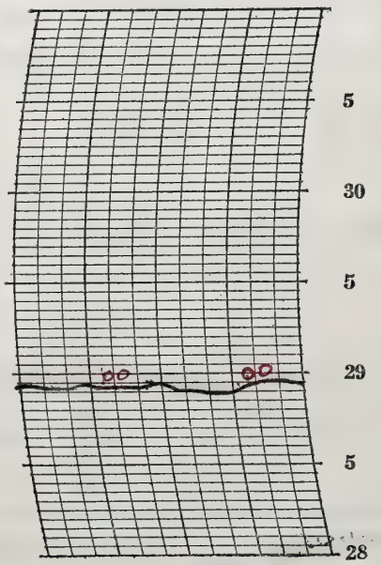


BAROGRAPH.



Prepared by

NOTES

Cloudy threatening day with light shower at 10:40 AM and fairly steady rain began at 8:15 P.M and continued until nearly midnight. The rain was badly needed and will be a great value to farm crops.

Thunder first heard at 8:15 p m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 6 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	68	67	67	66	65	62	63	62	65	65
Nature of precipitation and time of beginning and ending			RB DN2	RE DN2		RB 5:50	RE 630					
Amounts of precipitation			T	01		T	.21					
Cloudiness and other conditions						5:50 fog						Cloudy
Sunshine (in tenths of hours)						0	0	0	0	0	0.7	0.9
Wind direction	N	NW	NW	N	N	NW	NW	NW	N	N	N	N
Wind movement	4	5	5	5	5	5	7	9	7	7	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	70	69	69	68	68	67	66	65	65	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.4	0.2	0.5	0	0	0	0					
Wind direction	NE	N	N	N	N	NE	NE	NE	NE	NE	E	E
Wind movement	6	4	4	5	5	4	4	4	5	4	3	2

State of weather.

Sunrise: Time, 5:12 Character, Cloudy
Moonrise:
Sunset: Time, 6:06 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

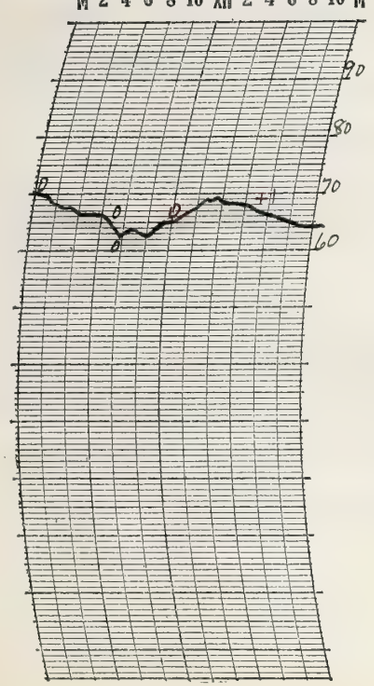
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	62	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .81 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .22 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.7 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 21
Prevailing wind direction, N Total wind, 121
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 6:50 2:m.
Reduced barometer, 29.93 7 a. m. 30.00 7 p. m.
River gage, 1.3 feet
Relative humidity, 99 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.3 Wet temperature, 62.0
Dew-point, 60 R. humidity, 83 V. pressure, .517
Clouds: Amount, 10; Kind, stu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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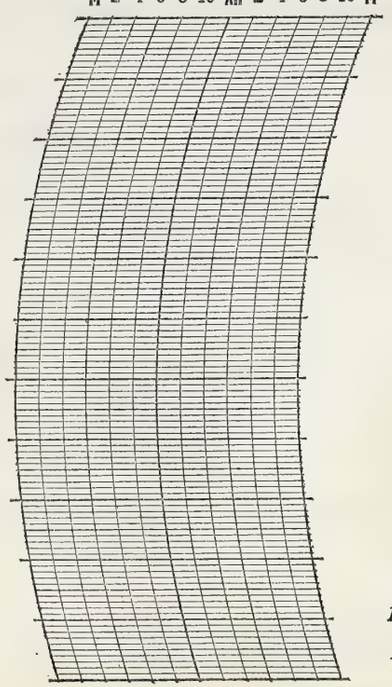
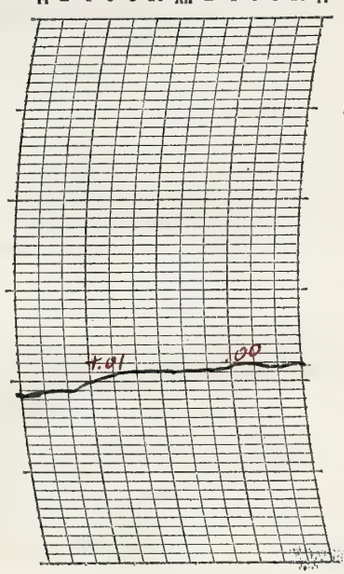


BAROGRAPH.



NOTES

Light fog 5:20a - 6:50a

Prepared by E.L.H.

Verified by E.L.H.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	63	63	62	62	62	63	64	66	67	68	70	69	70	70	70	70	69	68	66	65	64	64
State of weather: Nature of precipitation and time of beginning and ending			R.B DNA		R.E. DNA											R.B 3:45 RE 3:50								
Amounts of precipitation			.01	.02	T											T								
Cloudiness and other conditions												Cloudy							X		Pt Cloudy			
Sunrise: Time, 5:13 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 6:04 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0.6	0.7	0	0	0	0	0	0					
Wind direction	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	3	3	3	4	4	5	5	6	3	5	4	4	4	4	3	5	5	3	3	3	3	2	3
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

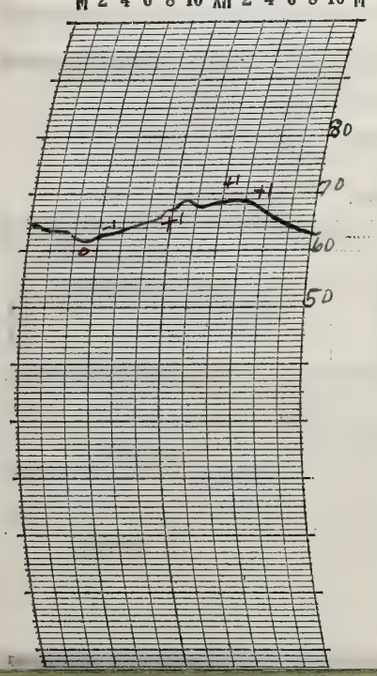
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	70	62	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 03 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.4 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 11
Prevailing wind direction, NE Total wind, 90
Average hourly velocity, 3.8 Extreme velocity, 7
Maximum velocity, 7 Direction, NE
Time began, 7:30 am.
Reduced barometer, 30.04 7 a. m. 30.05 7 p. m.
River gage, 2.4 feet
Relative humidity, 97 7 a. m. 81 7 p. m.

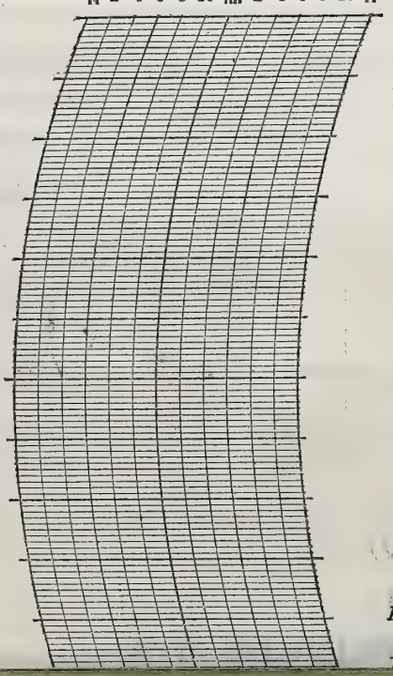
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.8 Wet temperature, 64.0
Dew-point, 62 R. humidity, 82 V. pressure, .555
Clouds: Amount, 10; Kind, St Cu Direction, N
Velocity of clouds (miles per hour)

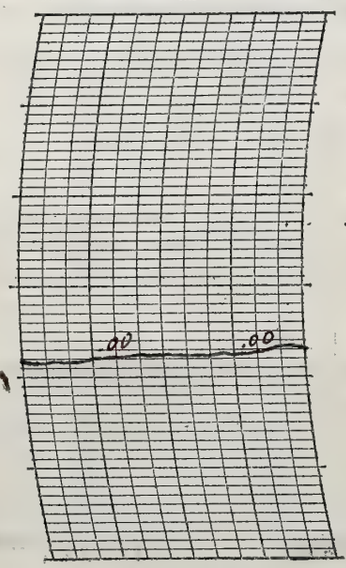
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H

Verified by E.L.H

NOTES

Cloudy, threatening day, poor visibility all day, but only a light sprinkle of rain fell in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 8 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	63	63	62	62	63	67	69	73	72	74	73	73	72	72	69	69	67	66	66	65	65
State of weather: Nature of precipitation and time of beginning and ending																RB 3:10 E R 3:35		R.B. 5:20	RE 6:40	RB 4:40 RE 7:35				
Amounts of precipitation																T		.16	.02	T				
Cloudiness and other conditions							Pt. Cdy						Cloudy											

Sunrise: Time, 5:14 Character, Cloudy
Moonrise:
Sunset: Time, 6:03 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0.1	0.7	1.0	1.0	1.0	0.8	1.0	0.6	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	E	NE	E	E	E	NE	NE	NE	NE	E
Wind movement	4	5	5	5	6	5	7	7	7	8	9	7	7	7	4	3	4	5	4	7	7	5	5	4
Maximum velocities (exceeding 2 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

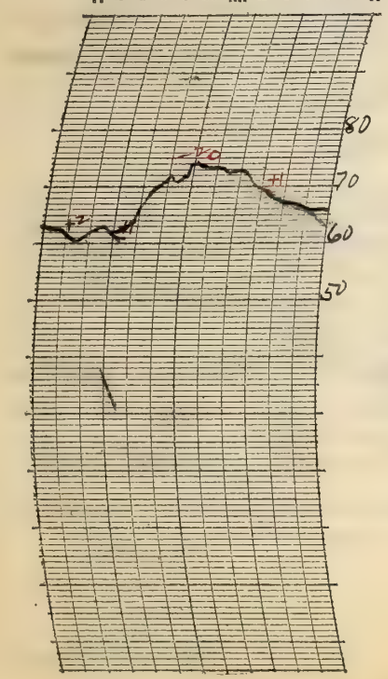
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	62	68	

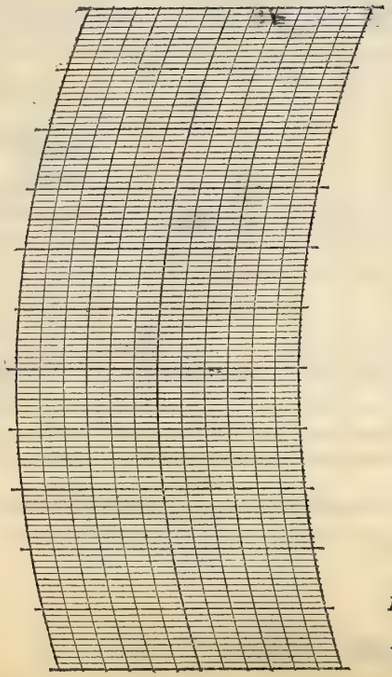
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.18 ins.
Total precipitation, midnight to midnight, 0.18 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.2 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 48 %
Prevailing wind direction, NE Total wind, 137
Average hourly velocity, 5.7 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 10:31 am
Reduced barometer, 30.12 7 a. m. 30.02 7 p. m.
River gage, x 1.7 feet
Relative humidity, 93 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 72.4 Wet temperature, 66.4
Dew-point, 63 R. humidity, 73 V. pressure, 575
Clouds: Amount, 10; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

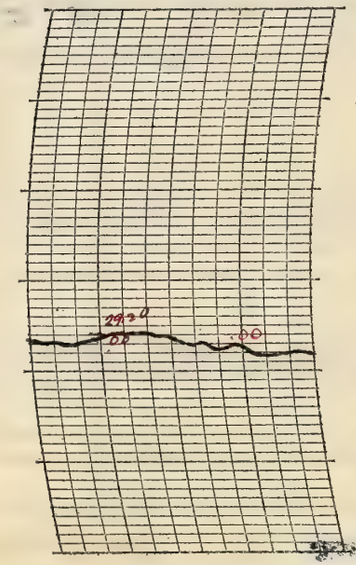
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

Partly cloudy in early morning becoming overcast by 11:00 am and continued into the night. Sun shone through thin upper clouds during the middle of the day. Visibility poor from 5:10 P.M and streets very slippery and dangerous.

x Estimated, sand bar

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 9 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	64	64	64	66	68	69	72	76	79
Nature of precipitation and time of beginning and ending	RB DNA RE DNA					RB 6:10	RE 7:07					
Amounts of precipitation	.04					T	.01					
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.8	1.0
Wind direction	E	E	E	E	E	E	E	SE	S	S	S	S
Wind movement	4	4	4	4	3	3	1	4	5	6	9	11

Sunrise: Time, 5:15 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	83	83	81	80	74	75	75	74	72	71
Nature of precipitation and time of beginning and ending							R.B 6:15 RE 6:35					
Amounts of precipitation							.03					
Cloudiness and other conditions	Cloudy								Cloudy			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0	0					
Wind direction	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	12	13	10	10	10	10	9	7	10	9	11	10

Sunset: Time, 6:01 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 6.2 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 48

Prevailing wind direction, S Total wind, 179

Average hourly velocity, 7.5 Extreme velocity, 17

Maximum velocity, 16 Direction, S

Time began, 1:27 P.M.

Reduced barometer, 29.95 7 a. m. 29.84 7 p. m.

River gage, 1.4 feet

Relative humidity, 99 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

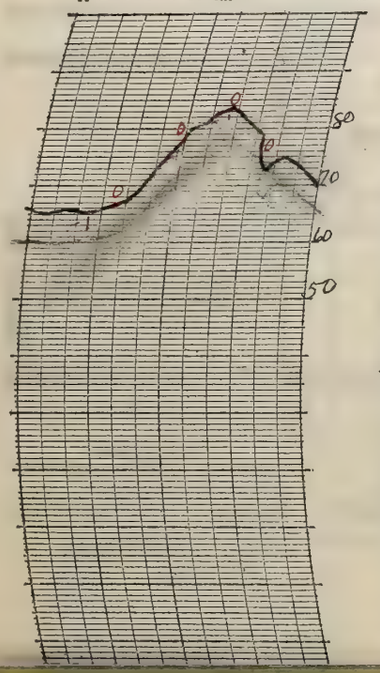
Dry temperature, 78.8 Wet temperature, 71.8

Dew-point, 69 R. humidity, 71 V. pressure, 707

Clouds: Amount, 7; Kind, cu; Direction, S

Velocity of clouds (miles per hour)

THERMOGRAPH



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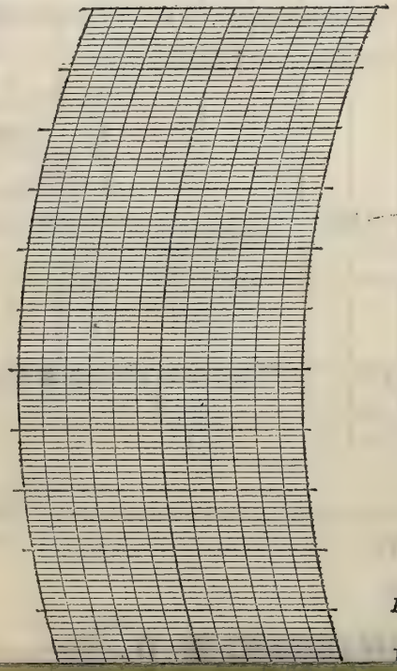
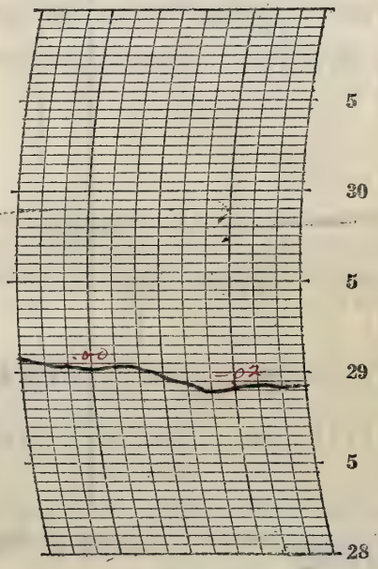


BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

NOTES

x Estimated, sand bar.

Mostly cloudy threatening day, with thick shower at night between 6:15 and 6:35 P.M. Storm was more severe north of the city.

Light fog 5:40 a.m.-7:04 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 10 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	(71) 70	67	60	58	55	55	56	57	58	60	61	62	64	65	67	68	68	65	62	59	57	56	54	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt. Cloudy								→			← Clear								
Sunshine (in tenths of hours)						73 0	0.8	0.6	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	78 22						
Wind direction	SW	W	W	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	N	N
Wind movement	10	11	16	12	11	9	10	13	15	16	16	16	16	16	16	14	14	10	7	9	6	7	7	6

Sunrise: Time, 5:16 Character, Clear
Moonrise:
Sunset: Time, 5:59 Character, Clear
Moonset:

Maximum velocities (exceeding 2.4 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

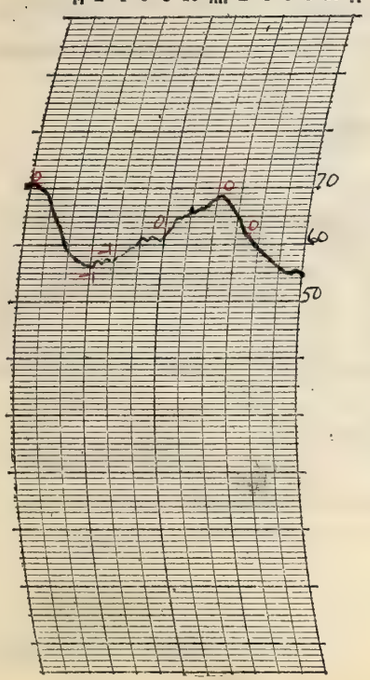
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	54	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5.5
Actual sunshine, hours, 11.8 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 93 %
Prevailing wind direction, W Total wind, 283
Average hourly velocity, 11.8 Extreme velocity, 21
Maximum velocity, 20 Direction, W
Time began, 2:15 P.M.
Reduced barometer, 29.98 7 a. m. 30.16 7 p. m.
River gage, 1.7 feet
Relative humidity, 77 7 a. m. 7 p. m.

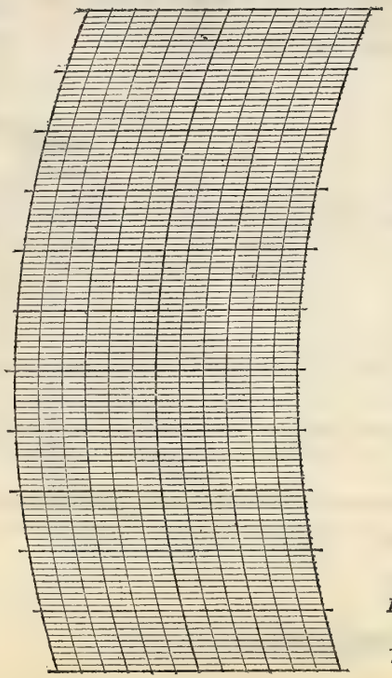
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.7 Wet temperature, 54.2
Dew-point, 49 R. humidity, 62 V. pressure, .347
Clouds: Amount 7; Kind, Ci; Direction, W
Velocity of clouds (miles per hour)

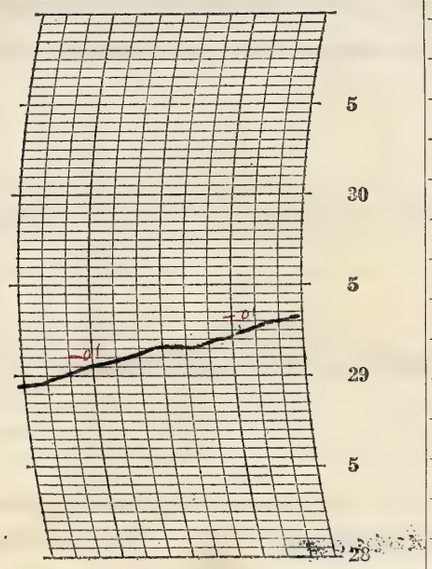
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES

x Estimated, sand bar.
Partly cloudy, cool, windy day.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 11 1928, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	51	48	47	52	57	59	61	62	63	65	67	68	67	66	66	64	60	59	58	55	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)						.72 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.75 0.2						
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	E	E	E	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	1	1	2	1	2	2	3	5	6	7	5	5	6	5	5	4	3	4	2	2	2	4	4	5
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 5:17 Character, Clear
Moonrise:
Sunset: Time, 5:57 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

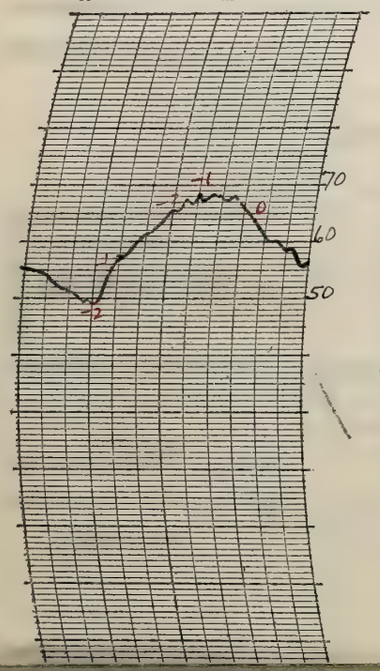
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	47	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.7 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 100 %
Prevailing wind direction, E Total wind, 86
Average hourly velocity, 3.6 Extreme velocity, 7
Maximum velocity, 7 Direction, NE
Time began, 9:12 am
Reduced barometer, 30.34 7 a. m., 30.23 7 p. m.
River gage, 1.4 ft
Relative humidity, 75 7 a. m., 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.2 Wet temperature, 51.8
Dew-point, 41 R. humidity, 46 V. pressure, .256
Clouds: Amount, Few; Kind, Cu; Direction, Sw
Velocity of clouds (miles per hour)

THERMOGRAPH



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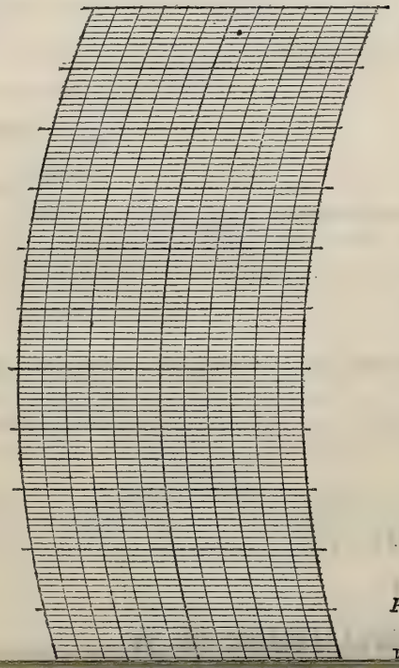
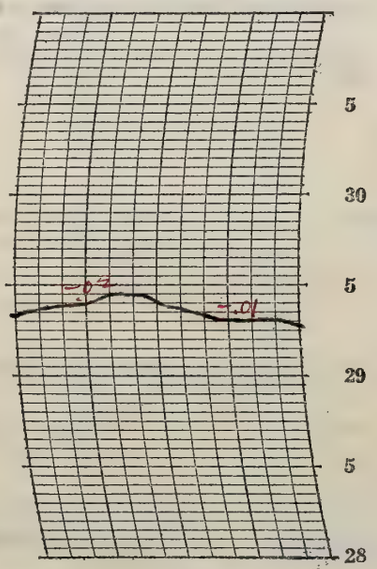


BAROGRAPH.



Prepared by E.L.H

Verified by E.L.H

NOTES

Clear, beautiful day, with mild temperatures. Mostly clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	53	53	54	58	64	65	67	68	68	69	68	68	67	67	64	62	60	59	60	60
State of weather: Nature of precipitation and time of beginning and ending															2:55	3:05				R.B. 7:03 R.E. 7:10	R.B. 8:40	R.E. 9:16	R.B. 10:05 R.E. 10:30	
Amounts of precipitation															T	T				T	T	.01	.01	
Cloudiness and other conditions	Cloudy																							
Sunrise: Time, 5:19 Character, Cloudy																					Sunset: Time, 5:56 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.5	0.4	1.0	1.0	0.6	0.3	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE	S	S	S	SE	SE	E	S	S	S	S	S	S
Wind movement	3	3	4	4	3	3	4	3	4	6	5	8	7	8	7	6	2	7	11	9	7	9	8	7

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	52	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight; 02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 3.8 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 30

Prevailing wind direction, E Total wind, 138

Average hourly velocity, 5.8 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 9:32 p.m.

Reduced barometer, 30.10 7 a. m. 29.88 7 p. m.

River gage, 1.4 feet

Relative humidity, 85 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

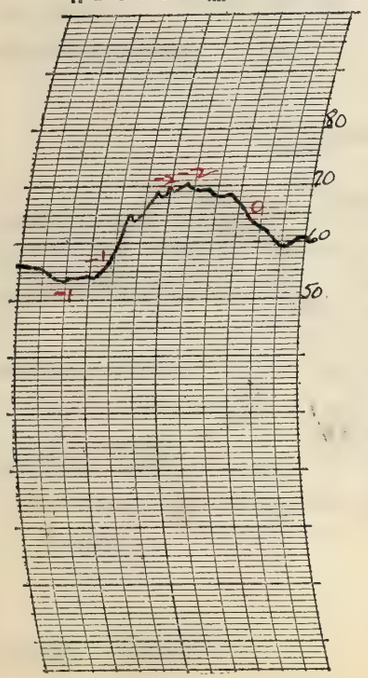
Dry temperature, 68.2 Wet temperature, 57.7

Dew-point, 50 R. humidity, 53 V. pressure, 360

Clouds: Amount, 6; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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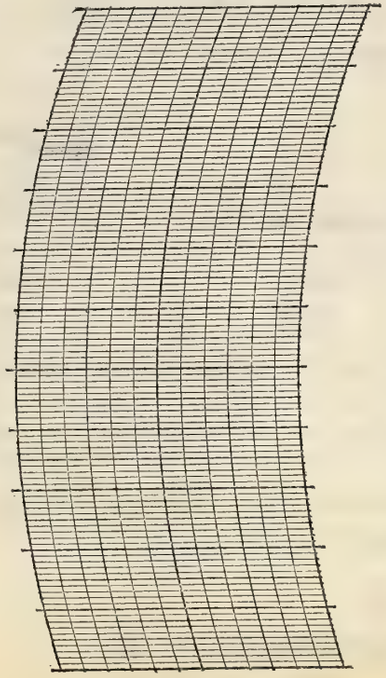
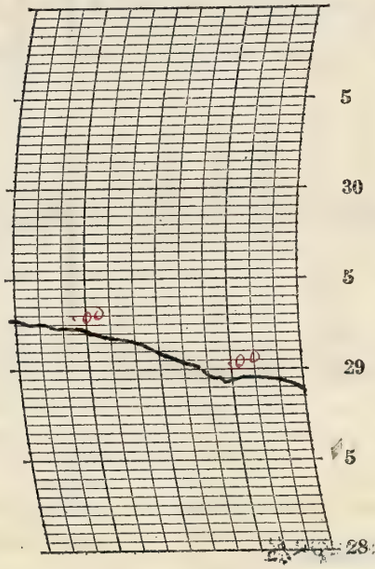


BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

8—486

NOTES

Cloudy threatening day - with light rains during the afternoon and evening streets slippery from 7 00 p.m into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 13 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	60	60	59	60	60	60	62	64	68	69
Nature of precipitation and time of beginning and ending	R ORA		RE ORA						R.B 8:30 R.E 8:40			
Amounts of precipitation	.01	.01	.01						T			
Cloudiness and other conditions							←		Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.4	1.0
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	5	7	7	10	9	9	10	8	10	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	72	75	74	72	70	69	69	65	63	59	58
Nature of precipitation and time of beginning and ending						R.B 5:25 R.E 5:40						
Amounts of precipitation						T						
Cloudiness and other conditions									P.Cloudy			→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0.4	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	14	14	13	12	10	8	7	7	8	11	8	5

Sunrise: Time, 5:20 Character, Cloudy
Moonrise:

Sunset: Time, 5:54 Character, Cloudy
Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

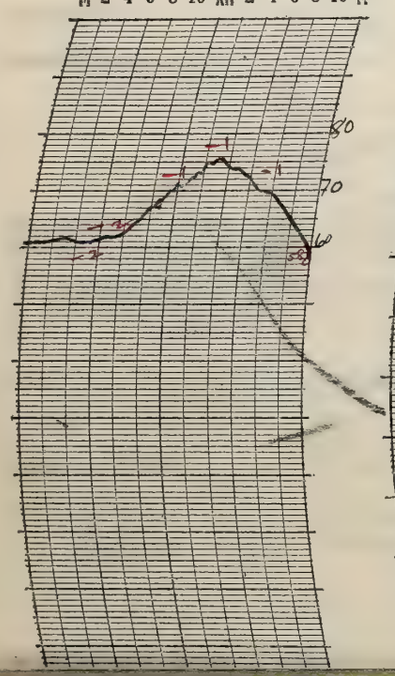
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.6 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 44 %
Prevailing wind direction, SW Total wind, 224
Average hourly velocity, 9.3 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 1:29 p.m.
Reduced barometer, 29.78 7 a. m. 29.74 7 p. m.
River gage, 1.6 feet
Relative humidity, 97 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.1 Wet temperature, 63.6
Dew-point, 60 R. humidity, 74 V. pressure, .517
Clouds: Amount, 4; Kind, acc. ast.; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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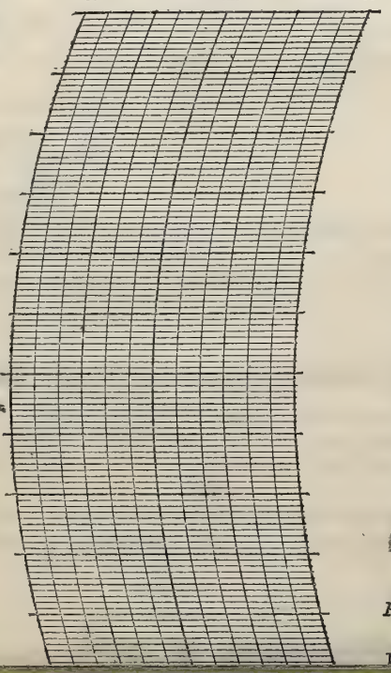
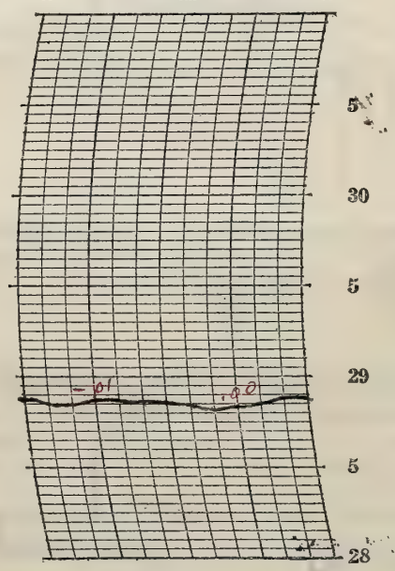


BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

NOTES

Mostly cloudy threatening day, but pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 14 1929, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	52	52	50	53	54	56	56	57	56	56	60	61	60	58	55	54	53	51	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear				Partly				Cloudy		Partly					Clear				
Sunrise: Time, 5:21 Character, Clear																					Sunset: Time, 5:52 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						65 0	03 0.7	1.0	1.0	1.0	1.0	0.1	0	0.4	1.0	1.0	1.0	47 0.3						
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	7	7	6	5	7	9	9	9	12	13	15	12	15	12	12	13	12	8	6	5	3	2	2	4
Maximum velocities (exceeding 2 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

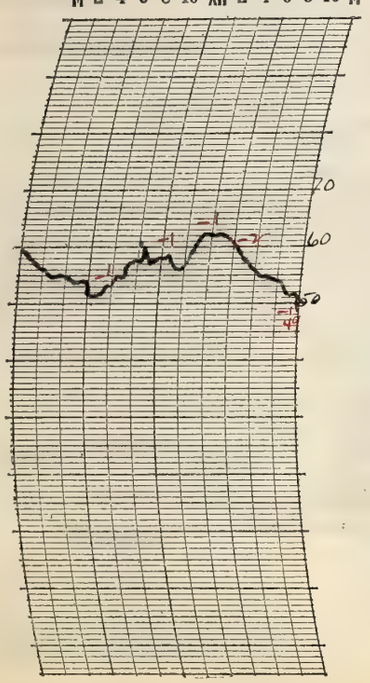
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	49	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours 10.0 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 80
Prevailing wind direction, W Total wind, 205
Average hourly velocity, 8.5 Extreme velocity, 20
Maximum velocity, 18 Direction, W
Time began, 12:35 P.M.
Reduced barometer, 29.86 7 a. m. 30.01 7 p. m.
River gage, 1.6 feet
Relative humidity, 84 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 51.0
Dew-point, 46 R. humidity, 66 V. pressure, 31.0
Clouds: Amount, 10; Kind, Strat; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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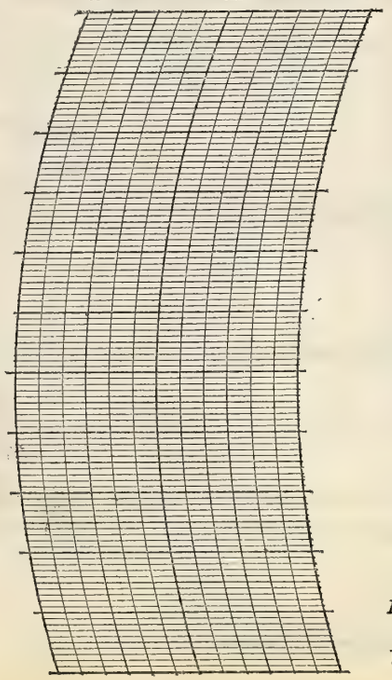
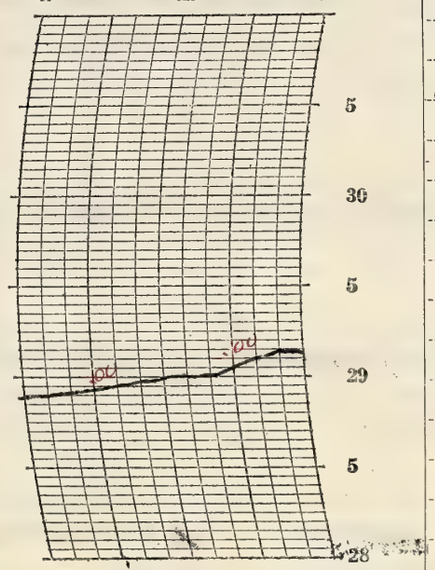


BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

x Observed sunshine, with trouble.
Clear in early morning followed by cloudy from 11:20 am to 2 PM, then clearing. Clear at night.
Cold, windy, day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 15 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	46	46	45	49	52	59	65	67	68
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Clear											
Sunshine (in tenths of hours)						.65 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	3	4	6	4	5	5	6	9	8	10	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	71	72	71	68	65	63	61	59	58	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	.55 0.3						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	11	12	13	14	11	8	6	8	8	7	8	8

Sunrise: Time, 5:21 Character, Clear
Moonrise:
Sunset: Time, 5:51 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

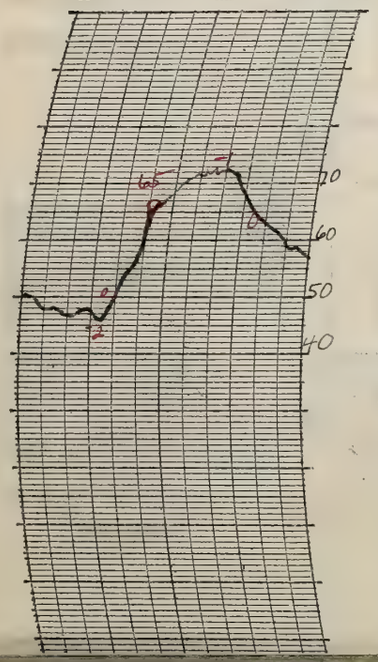
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	45	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 100 %
Prevailing wind direction, S Total wind, 196
Average hourly velocity, 8.2 Extreme velocity, 20
Maximum velocity, 16 Direction, S
Time began, 3:31 P.M.
Reduced barometer, 30.12 7 a. m. 29.99 7 p. m.
River gage, 1.6 feet
Relative humidity, 67 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 56.0
Dew-point, 47 R. humidity, 47 V. pressure, .322
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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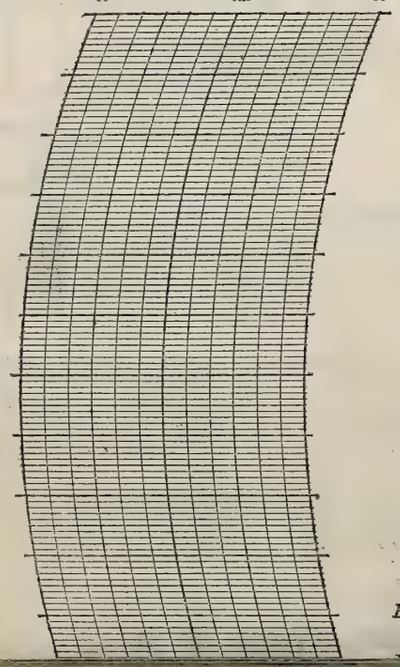
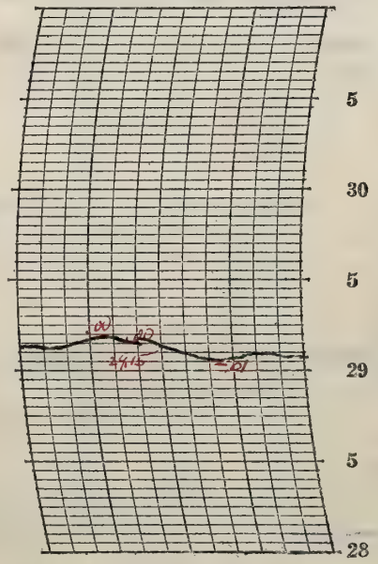


BAROGRAPH.



Prepared by E.L.H.
E.L.H.

NOTES

Clear, beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 16 1929, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	52	51	50	51	54	60	68	72	75	78	80	82	82	82	81	64 RB 5:40	61	60	60 RE 8:25	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																		T	.07	.13	.01			
Cloudiness and other conditions	← Clear												→ Partly						Cloudy					
Sunshine (in tenths of hours)						6.3 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	NW	W	W	W	W	W	W
Wind movement	8	7	6	6	6	6	8	9	12	14	13	14	18	17	18	16	15	14	12	10	8	9	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:22 Character, Clear
Moonrise:
Sunset: Time, 5:49 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

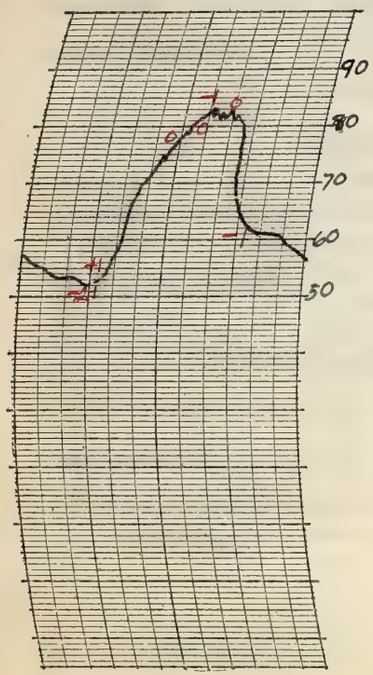
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	50	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.7 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 86
Prevailing wind direction, S Total wind, 260
Average hourly velocity, 10.8 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 4:51 pm
Reduced barometer, 29.98 7 a. m. 29.85 7 p. m.
River gage, 1.4 feet
Relative humidity, 73 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.9 Wet temperature, 71.9
Dew-point, 69 R. humidity, 75 V. pressure, 707
Clouds: Amount, 3; Kind, Ci; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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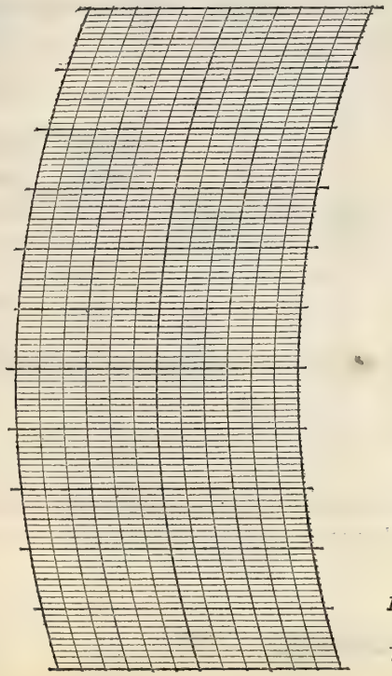
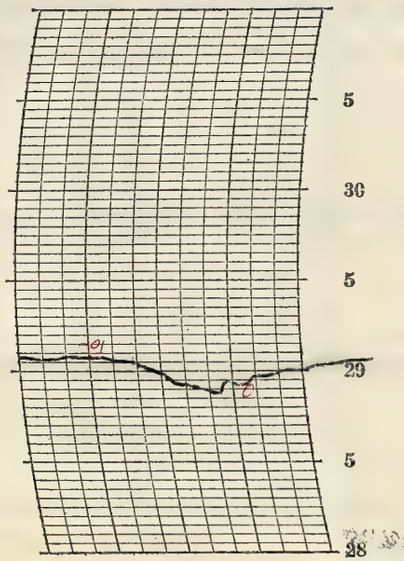


BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

8—436

NOTES

Clear morning followed by increasing cloudiness in afternoon with light rain at 5:40 PM

Form No. 1914—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	52	52	52	53	54	60	61	63	63	65	63	62	60	59	57	53	52	51	50	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy		—	X			Pt Cldy			—	X	Clear		—	X Pt	Cldy		→		
Sunshine (in tenths of hours)						0	0	0.4	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	0.78 0						
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	6	7	6	5	9	9	11	11	12	11	12	14	16	17	17	16	14	10	8	7	5	5	3	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:23 Character, Cloudy
Moonrise:
Sunset: Time, 5:47 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

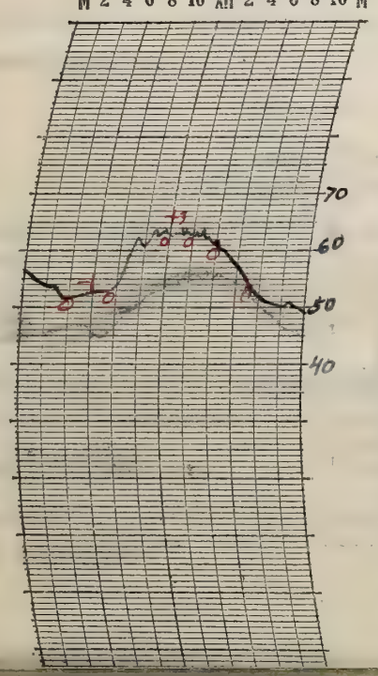
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	49	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .19 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.1 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 81
Prevailing wind direction, W Total wind, 235
Average hourly velocity, 9.8 Extreme velocity, 22
Maximum velocity, 21 Direction, W
Time began, 2:07 p.m.
Reduced barometer, 29.99 7 a. m. 30.08 7 p. m.
River gage, 1.4 feet
Relative humidity, 97 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.8 Wet temperature, 52.8
Dew-point, 47 R. humidity, 56 V. pressure, .322
Clouds: Amount, 7; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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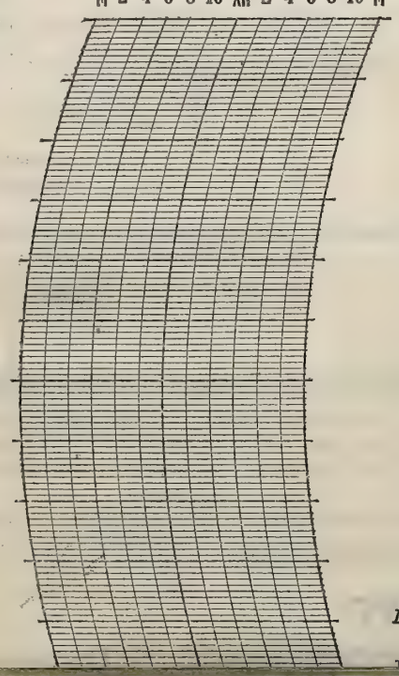
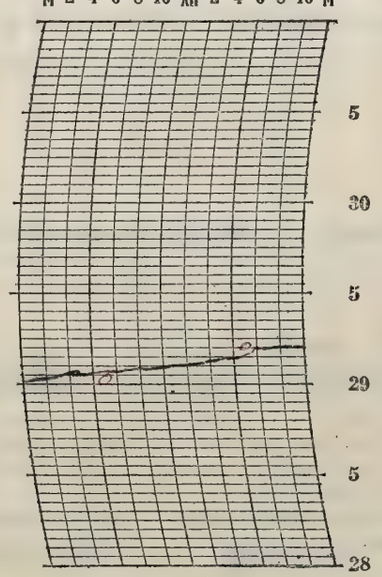


BAROGRAPH.



Prepared by

NOTES

Frost warning received for light frost for Wednesday a.m.
Partly cloudy day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 1 8 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	45	46	46	46	44	46	49	50	52	53	54	55	54	55	55	54	52	50	49	47	46	44
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←Pt. Clear					X	Pt. Cloudy						X	Clear					
Sunshine (in tenths of hours)						0.60 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.6	0.67 0.1						
Wind direction	W	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	3	6	5	5	3	5	8	9	8	8	8	8	7	7	6	5	6	4	4	4	3	2	5	3
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 5:24 Character, Clear

Moonrise:

Sunset: Time, 5:46 Character, Clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	44	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt. Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 11.5 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 93

Prevailing wind direction, N Total wind, 132

Average hourly velocity, 5.5 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 8:50 a.m.

Reduced barometer, 30.24 7 a. m. 30.27 7 p. m.

River gage, 1.4 feet

Relative humidity, 78 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

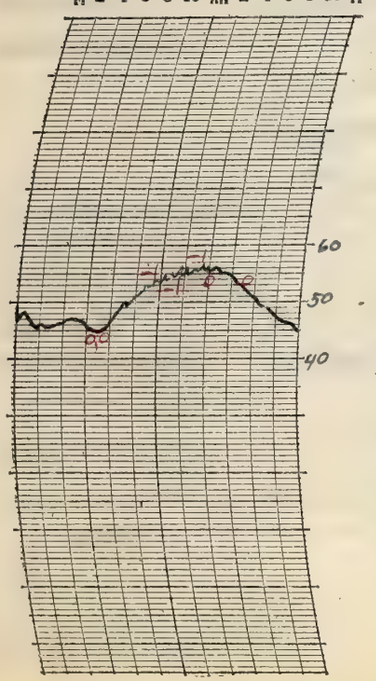
Dry temperature, 53.1 Wet temperature, 43.0

Dew-point, 31 R. humidity, 42 V. pressure, .172

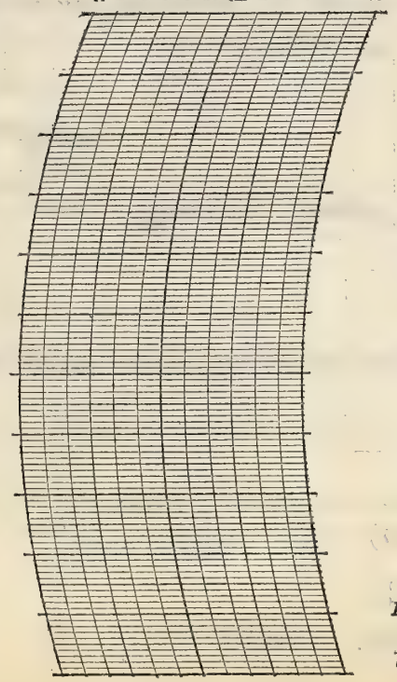
Clouds: Amount, 5; Kind, Cu.; Direction, N

Velocity of clouds (miles per hour)

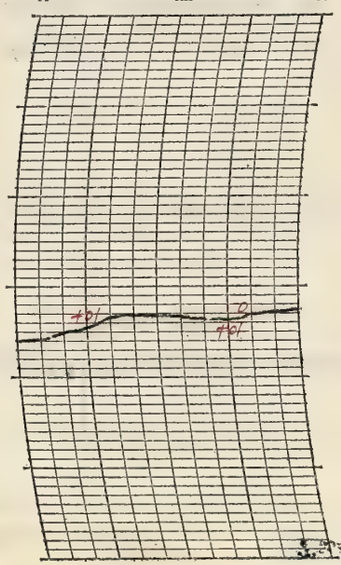
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H.

8—436

NOTES

Warning received for frost Thursday a.m. No frost occurred this morning on account of partly cloudy skies. Partly cloudy, cold, day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	40	40	39	39	40	43	50	53	54	55	56	55	56	56	56	55	53	52	50	48	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear	×	Pt Cloudy			×		Cloudy								×	Pt Cldy →		
Sunrise: Time, 5:26 Character, Clear																					Sunset: Time, 5:44 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.5 0	0.0 0.4	0.6	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	NE	NE	NE	E	E	NE	E	E	E	E	E
Wind movement	2	3	3	1	1	3	4	4	4	5	5	5	5	6	6	8	7	4	5	5	5	6	5	5
Maximum velocities (exceeding 2 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	38	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.2 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 59
Prevailing wind direction, E Total wind, 107
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 3:38 p.m.
Reduced barometer, 30.35 7 a. m. 30.28 7 p. m.
River gage, 1.4 feet
Relative humidity, 80 7 a. m. 58 7 p. m.

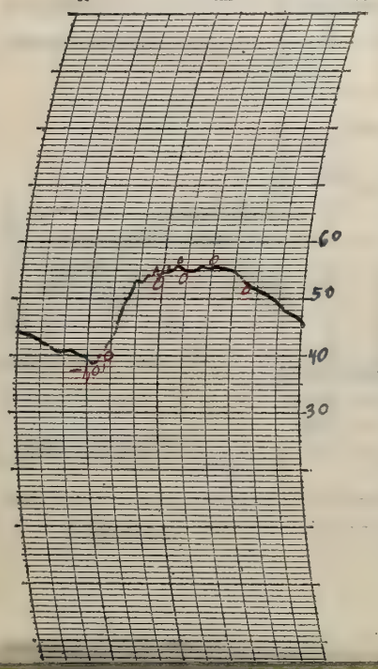
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

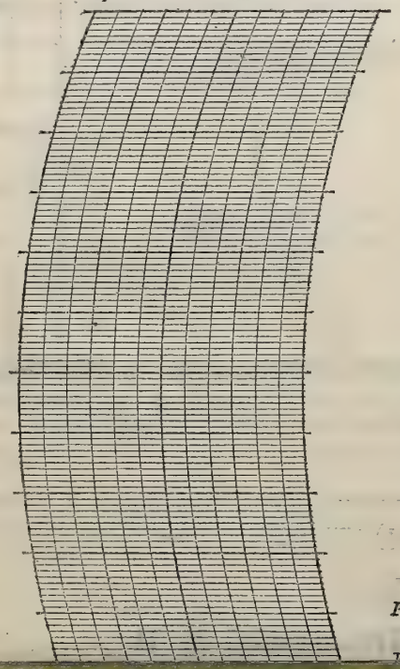
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.0 Wet temperature, 44.8
Dew-point, 33 R. humidity, 43 V. pressure, .187
Clouds: Amount, 4 (6); Kind, Cu; Direction, E (SE)
Velocity of clouds (miles per hour)

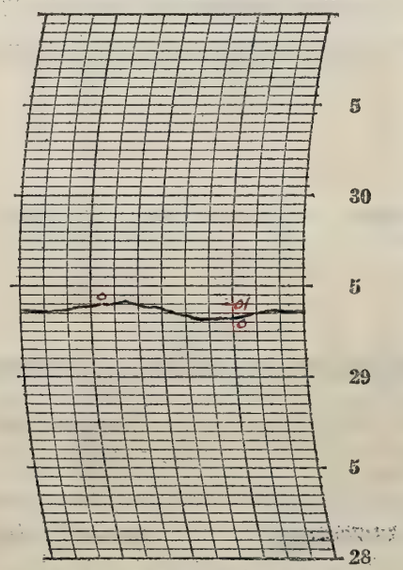
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JS

Verified by E.Y.H

NOTES

A very heavy white frost occurred this morning. A cold, partly cloudy to cloudy day.

Although the temperature on the roof only dropped to 38° the frost was very heavy and ice formed generally in the vicinity of the station. Due to the fact that all corn was killed and about 95 % of the other crops, the frost was recorded as killing. Corn needed about 10 days more before frost, and the loss to truck gardeners was great.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 20 1929, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	40	41	43	48	52	55	56	56	57	58	59	59	58	56	53	51	50	48	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear				×	pt Cldy		×		Clear									→
Sunshine (in tenths of hours)						0.55 0	0	0.1	0.1	0.2	0.6	0.8	1.0	1.0	0.9	1.0	0.3 0.7	0.70 0						
Wind direction	E	E	NE	NE	NE	NE	NE	E	E	E	E	E	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	5	6	5	6	6	7	8	10	11	12	12	11	12	11	11	9	8	7	7	7	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:27 Character, Clear
Moonrise:
Sunset: Time, 5:42 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

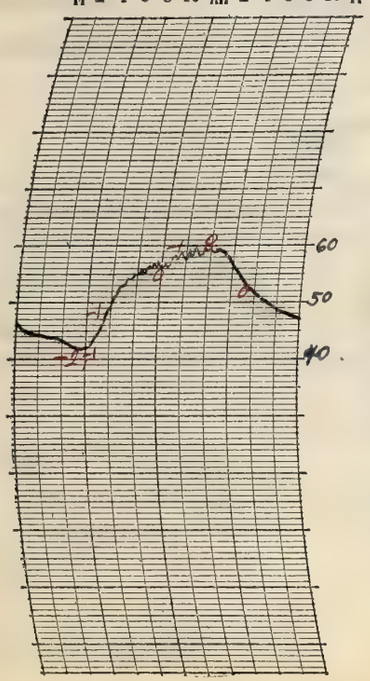
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.0 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 66
Prevailing wind direction, NE Total wind, 198
Average hourly velocity, 8.2 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 11:19 a.m.
Reduced barometer, 30.34 a. m. 30.32 p. m.
River gage, 1.4 feet
Relative humidity, 78 a. m. 53 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.9 Wet temperature, 46.1
Dew-point, 35 R. humidity, 46 V. pressure, .203
Clouds: Amount, 5; Kind, cu.; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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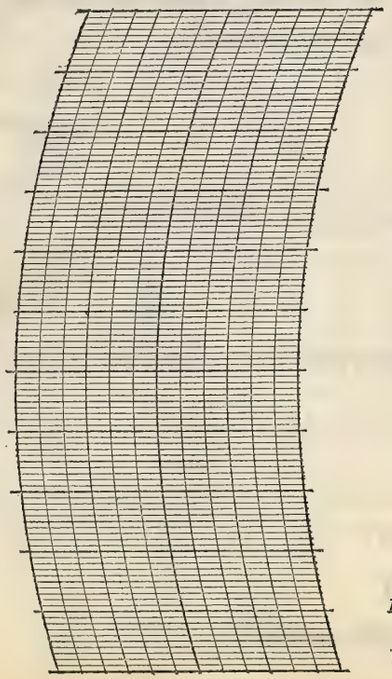
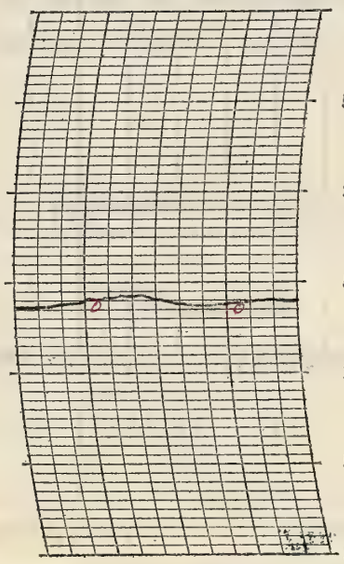


BAROGRAPH.



Prepared by [signature]

Verified by E. L. H.

8—486

NOTES

Heavy frost occurred this morning, but as nearly everthing was killed Thursday morning, the damage was slight.

Mostly clear to partly cloudy day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	43	42	42	44	50	56	59	61	63	64	66	66	66	65	60	56	53	52	50	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear										→		
Sunshine (in tenths of hours)						0.5 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.6 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	6	7	6	6	7	7	9	8	8	8	9	9	10	10	9	9	8	9	8	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:27 Character, Clear
Moonrise:
Sunset: Time, 5:41 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

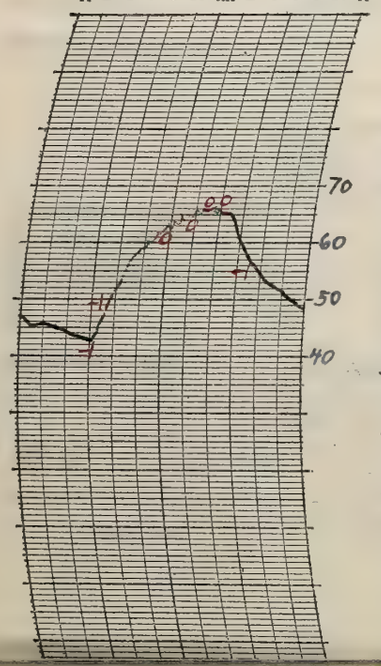
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 2:54 p.m.
Reduced barometer, 30.38 7 a. m. 30.34 7 p. m.
River gage, 1.4 fall
Relative humidity, 89 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.6 Wet temperature, 50.4
Dew-point, 39 R. humidity, 41 V. pressure, .237
Clouds: Amount, Few; Kind, Cu.; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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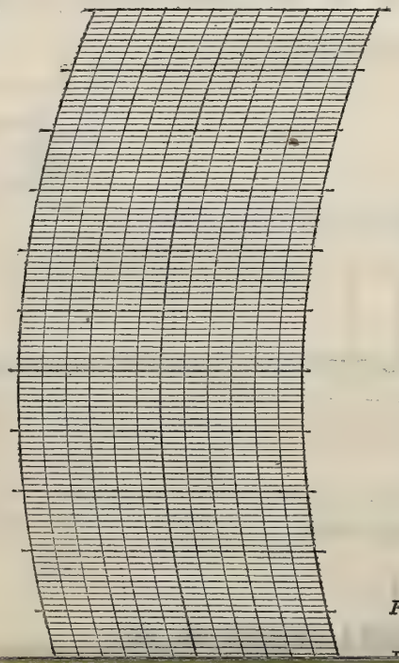
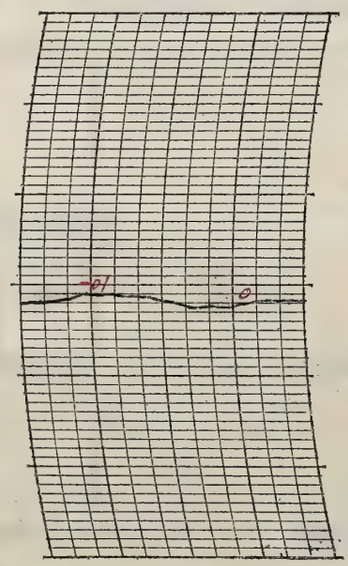


BAROGRAPH.



Prepared by

NOTES

A light frost occurred just before sunrise, no damage.
A clear cool day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	44	43	43	45	52	58	62	64	65	69	70	70	70	68	65	62	59	56	54	52	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					3—Dense Haze						Clear													
Sunrise: Time, 5:28 Character, Hazy																					Sunset: Time, 5:39 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.65 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	E	E	E	E	E	E	E	E	NE	E	E	E
Wind movement	6	6	6	6	6	5	6	7	5	5	8	8	9	7	8	7	7	4	6	8	7	7	6	5
Maximum velocities (exceeding 22 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	43	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 0

Actual sunshine, hours, 11.0 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 90

Prevailing wind direction, E Total wind, 155

Average hourly velocity, 6.5 Extreme velocity, 11

Maximum velocity, 11 Direction, NE

Time began, 10:57 a.m.

Reduced barometer, 30.38 7a.m. 30.29 7p.m.

River gage, 1.4 fall

Relative humidity, 87 7a.m. 52 7p.m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

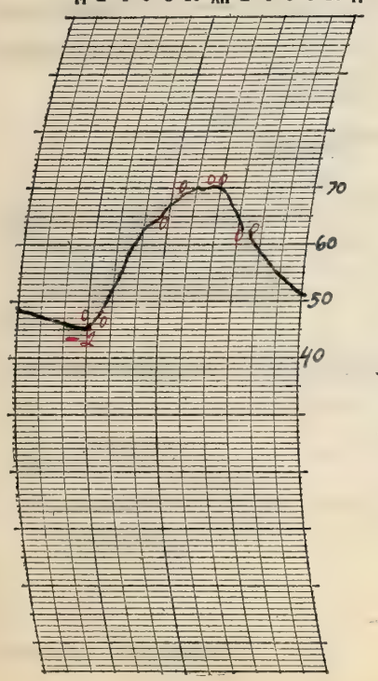
Dry temperature, 64.6 Wet temperature, 52.1

Dew-point, 41 R. humidity, 42 V. pressure, .256

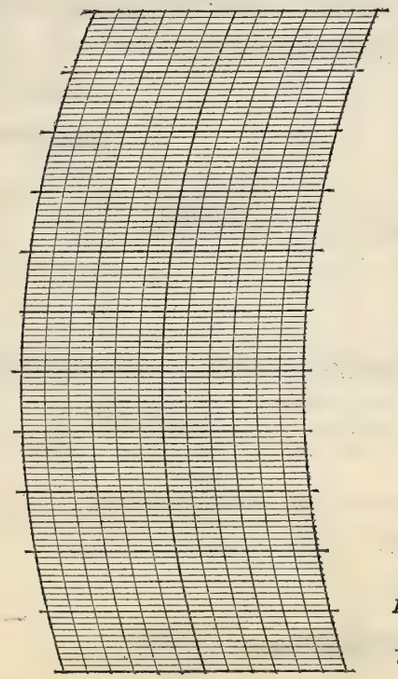
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

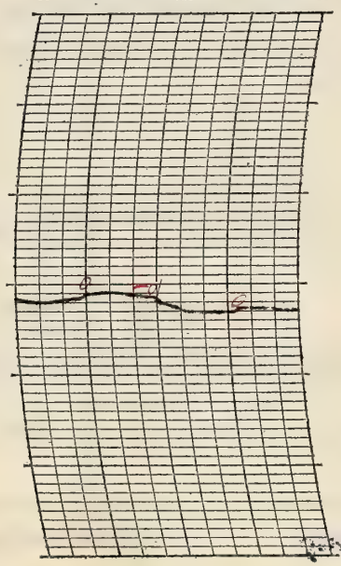
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.

Verified by E.H.

NOTES

Clear, moderate beautiful day.
Dense haze DNe 6:30a

8—436

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 23 1929, 192

Time (local standard) 90 mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	46	44	45	50	58	66	68	71	73	75	76	77	77	75	71	70	69	66	65	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Fog X							Clear											
Sunshine (in tenths of hours)						0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 / 0.9	0.6 / 0						
Wind direction	E	E	E	NE	E	E	E	E	E	E	E	SE	SE	E	SE	SE	SE	SE	SE	E	E	E	E	E
Wind movement	4	5	4	4	4	4	4	3	4	5	5	6	6	6	5	6	6	3	3	3	3	3	3	3
Maximum velocities (exceeding 2.4 miles) direction and time																								

Sunrise: Time, 5:29 Character, Foggy
Moonrise:
Sunset: Time, 5:37 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

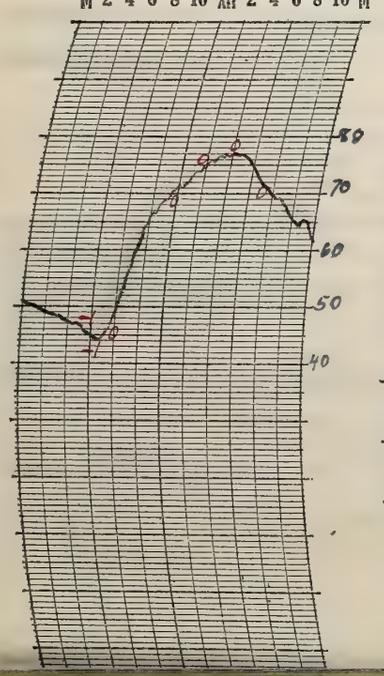
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	43	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 92
Prevailing wind direction, E Total wind, 102
Average hourly velocity, 4.2 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 1:25 p.m.
Reduced barometer, 30.28 7 a. m. 30.15 7 p. m.
River gage, 1.4 feet
Relative humidity, 93 7 a. m. 65 7 p. m.

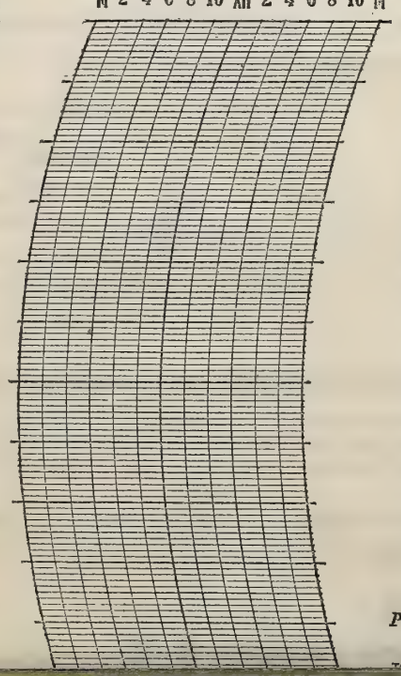
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 70.9 Wet temperature, 59.1
Dew-point, 51 R. humidity, 50 V. pressure, .373
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

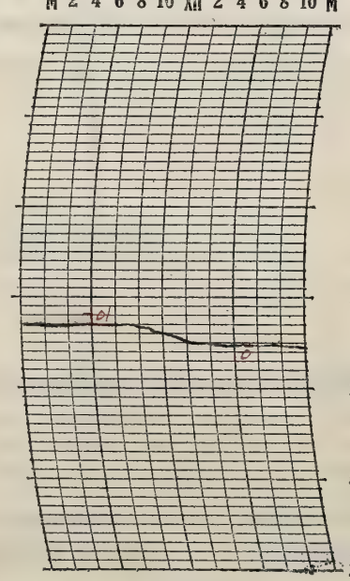
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

Very heavy dew; Dense fog 4:40 a - 6:25 a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	58	56	55	58	64	70	74	77	79	82	81	82	82	81	79	76	75	74	73	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<Clear					x Pt Cldy		x Pt Cldy				x	Cloudy						
Sunshine (in tenths of hours)						0.50 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	2	2	1	1	3	3	3	1	2	4	4	4	5	6	6	6	3	5	6	4	4	5	3	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:30 Character, Clear
Moonrise: ——— ———
Sunset: Time, 5:36 Character, Cloudy
Moonset: ——— ———

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

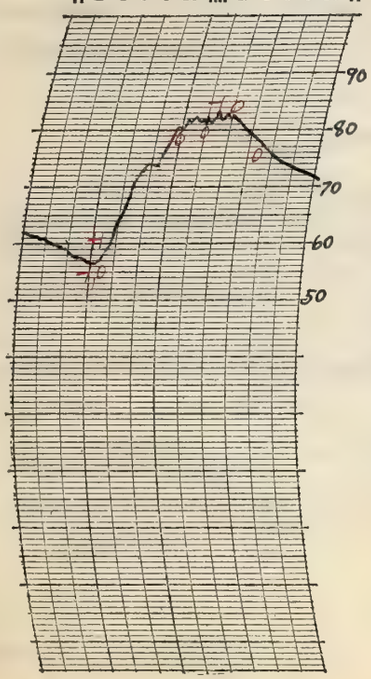
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	55	68	

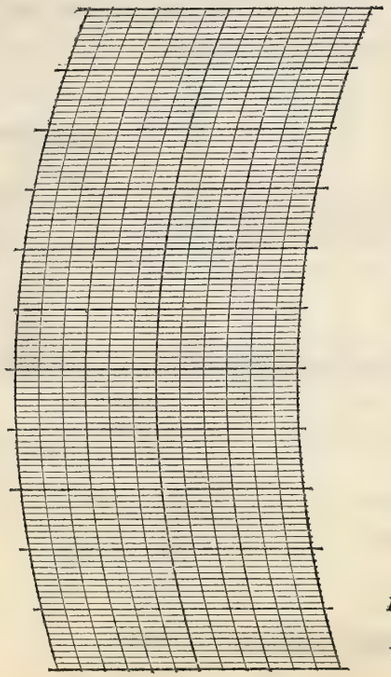
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ———
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 83
Prevailing wind direction, SE Total wind, 85
Average hourly velocity, 3.5 Extreme velocity, 8
Maximum velocity, 8 Direction, SE
Time began, 6:18 pm
Reduced barometer, 30.15 7 a. m. 30.05 7 p. m.
River gage, 1.4 feet
Relative humidity, 89 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 79.2 Wet temperature, 66.2
Dew-point, 59 R. humidity, 51 V. pressure, .499
Clouds: Amount, 5; Kind, Ci; Direction, SW
Velocity of clouds (miles per hour) ———

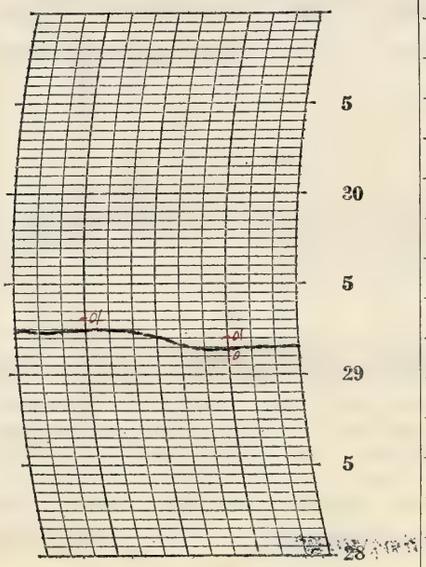
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJL
Verified by EJH

8—486

NOTES

Clear morning followed by a partly cloudy afternoon and cloudy at night. Warm pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) SEP 25 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	66	65	64	64	65	66	68	70	73	74	72	71	72	74	70	71	67	65	64	64	63	62
State of weather: Nature of precipitation and time of beginning and ending			RB DNe RE DNe					RA7:12 RE 7:20											RB 6:25	RE 7:30			RB DNp	R Cor
Amounts of precipitation			T					T											T	01			02	01
Cloudiness and other conditions						←					Cloudy												→	

Sunrise: Time, 5:31 Character, Cloudy
Moonrise:
Sunset: Time, 5:34 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0.2	0.4	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	SE	SE	NE	NE	E	E	NE	NE	NE	NE	NE	NE
Wind movement	2	2	1	1	3	3	2	3	3	5	5	6	9	6	5	6	6	7	10	10	10	9	8	7
Maximum velocities (exceeding 2.4 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

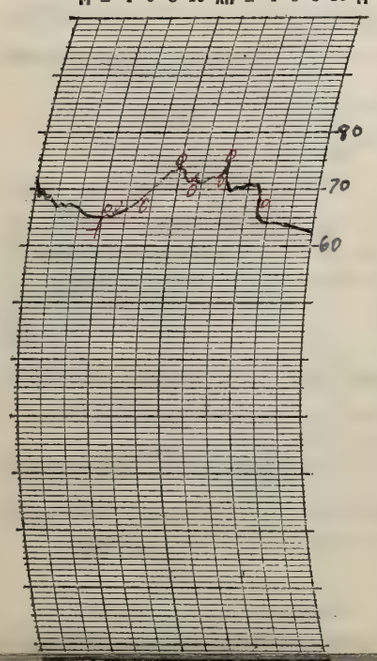
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	61	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.9 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 8
Prevailing wind direction, SE Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 7:03 p.m.
Reduced barometer, 30.06 7 a. m. 30.07 7 p. m.
River gage, 1.4 feet
Relative humidity, 86 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.6 Wet temperature, 66.1
Dew-point, 63 R. humidity, 68 V. pressure, .575
Clouds: Amount, 10; Kind, strat.; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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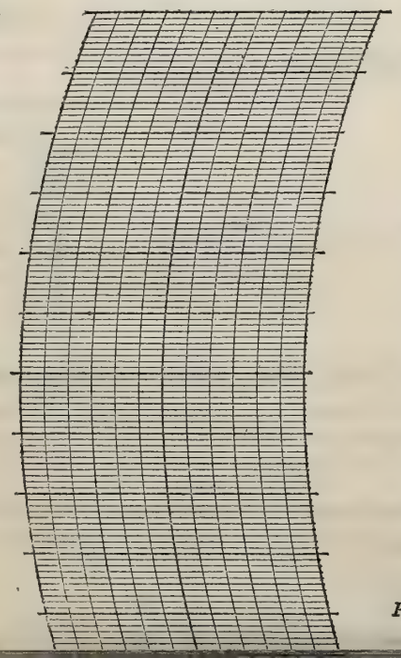
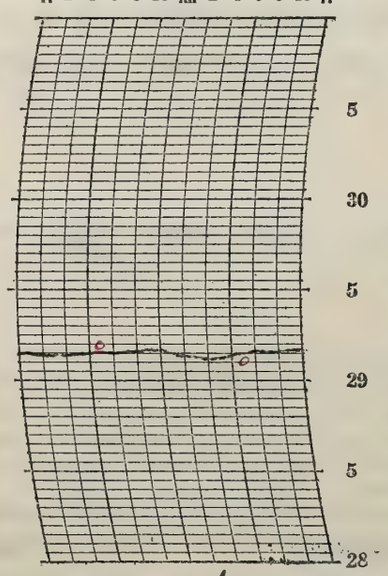


BAROGRAPH.



Prepared by

NOTES

Cloudy, warm day. The light rain at night caused slippery streets and poor visibility

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 26 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	61	61	62	62	62	62	63	63	64	65
Nature of precipitation and time of beginning and ending	R cont RE DN2	RB DN2		RE DN2								
Amounts of precipitation	T	T	01	01								
Cloudiness and other conditions						← Cloudy						
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE
Wind movement	7	6	7	7	8	8	9	8	8	7	6	7

Sunrise: Time, 5:32 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	66	67	66	65	65	65	65	64	64	63	63
Nature of precipitation and time of beginning and ending				RB 3:00 RE 4:00								
Amounts of precipitation				T								
Cloudiness and other conditions					← Light fog						→ Dense Fog	
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	7	7	6	6	6	5	4	6	6	6	4

Sunset: Time, 5:32 Character, Cloudy

Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	61	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.6 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.9 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 156

Average hourly velocity, 6.5 Extreme velocity, 10

Maximum velocity, 10 Direction, NE

Time began, 6:32 a. m.

Reduced barometer, 30.06 7 a. m. 30.07 7 p. m.

River gage, 1.6 fall

Relative humidity, 97 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

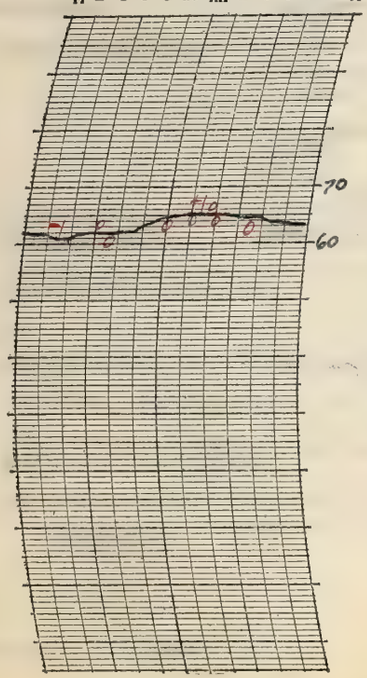
Dry temperature, 64.8 Wet temperature, 63.3

Dew-point, 63 R. humidity, 92 V. pressure, .575

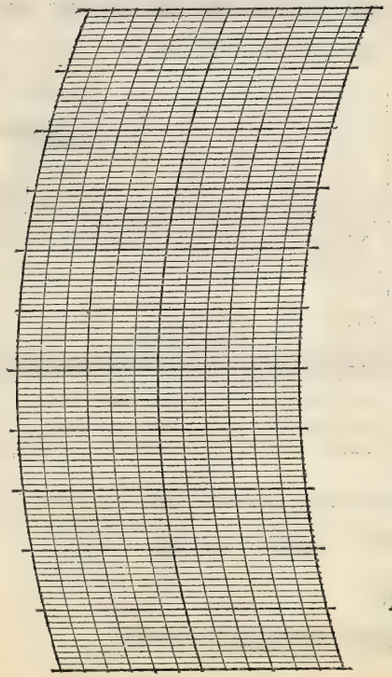
Clouds: Amount, 10; Kind, st; Direction, E

Velocity of clouds (miles per hour)

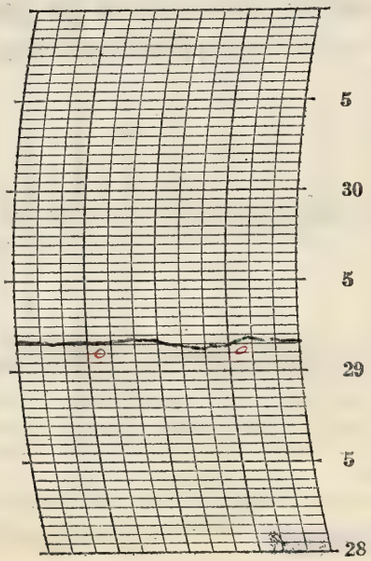
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Lt fog 2:00 p m - 11:00 p m
Dense fog 11:0 p m - cont
The 3:00 p - 4:00 p rain fell in the form of a mist.
Very poor visibility and water formed on wind shields

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 27 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	63	63	63	63	64	65	66	73
Nature of precipitation and time of beginning and ending							RB 6.40			RE 9.05		
Amounts of precipitation							T	T	T	T		
Cloudiness and other conditions	← Dense fog — Cloudy →											
Sunrise: Time, Character,	5:33 Foggy											
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	4	5	2	3	4	1	3	3	3	3	2	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	77	77	77	76	75	73	70	68	68	67	66
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			×	Pt Cldy					Clear →			Hfog
Sunset: Time, Character,									5:30 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	1.0	0.8	0.4	0.9	0.1	0						
Wind direction	E	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	2	4	3	4	4	3	3	3	2	3	3	1

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.2 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 35
Prevailing wind direction, NE Total wind, 70
Average hourly velocity, 2.9 Extreme velocity, 6
Maximum velocity, 6 Direction, NE
Time began, 1:04 2 m
Reduced barometer, 30.09 7 a. m. 30.09 7 p. m.
River gage, 1.6 feet
Relative humidity, 100 7 a. m. 74 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

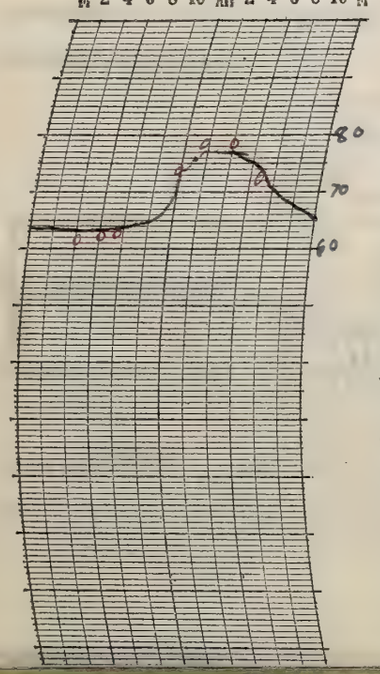
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

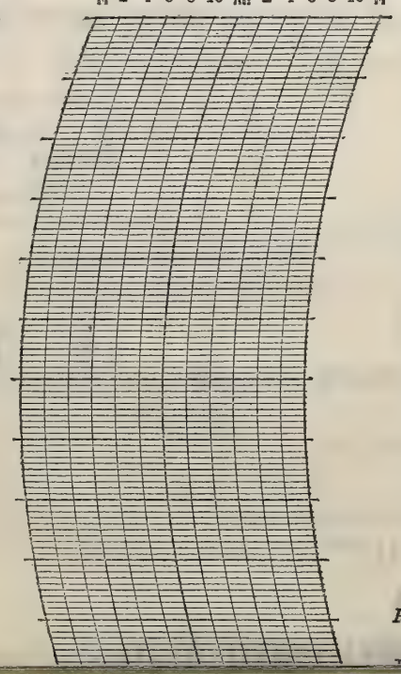
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.2 Wet temperature, 68.0
Dew-point, 66 R. humidity, 72 V. pressure, .638
Clouds: Amount, 5; Kind, Cu Direction, NE
Velocity of clouds (miles per hour)

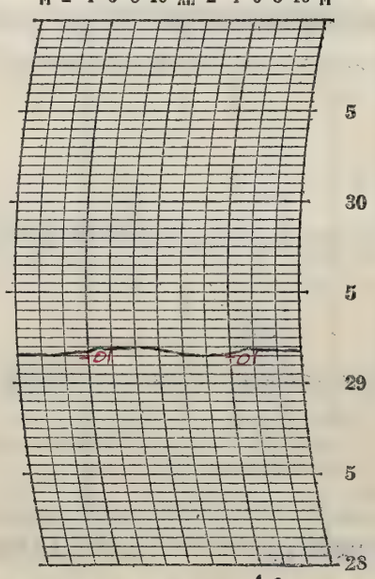
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J. H. H.

NOTES

Dense fog cont - 9402
The 6402 - 9052 rain fell in the form of a light mist. The visibility from 6 to 8 a.m. was 75 feet. The sun came out after the fog lifted and the afternoon was partly cloudy. The sky was clear at night with a light ground fog from 11:00 p.m. until midnight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 28 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	62	62	62	63	63	66	70	78	80	82	82	83	84	83	82	79	77	75	74	72	71	70
							RB 6:20	RE 7:10																
Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	T	T															
Cloudiness and other conditions	Light Fog				X	Cloudy			X	Pt Cloudy			X	Clear										
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.48 0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	N	W	W	W	NW	NW	NW	NW	W	NW	NW	NW	N	N	N
Wind movement	1	1	1	1	1	1	1	1	1	4	7	8	6	5	5	4	4	4	4	4	1	3	2	3

State of weather.

Sunrise: Time, 5:35 Character, Foggy
Moonrise:

Sunset: Time, 5:29 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

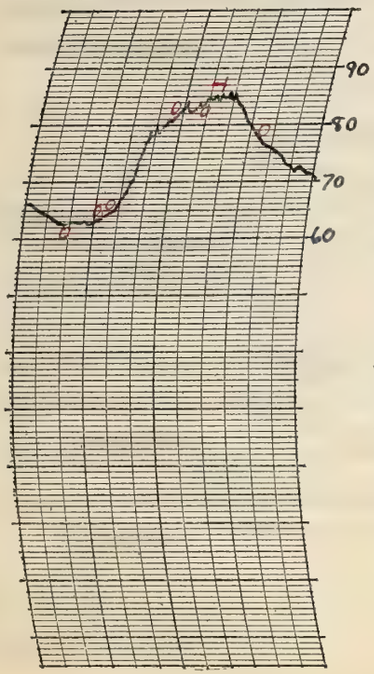
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	62	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.9 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 83
Prevailing wind direction, NE & NW Total wind, 73
Average hourly velocity, 3.0 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 11:35 2 m
Reduced barometer, 30.10 7 a. m. 30.05 7 p. m.
River gage, 1.4 feet
Relative humidity, 100 7 a. m. 61 7 p. m.

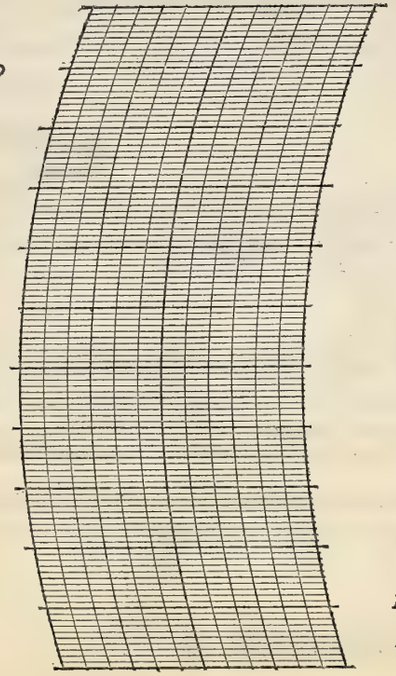
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.0 Wet temperature, 70.5
Dew-point, 65 R. humidity, 56 V. pressure, .616
Clouds: Amount, 4; Kind, Cu.; Direction, W
Velocity of clouds (miles per hour)

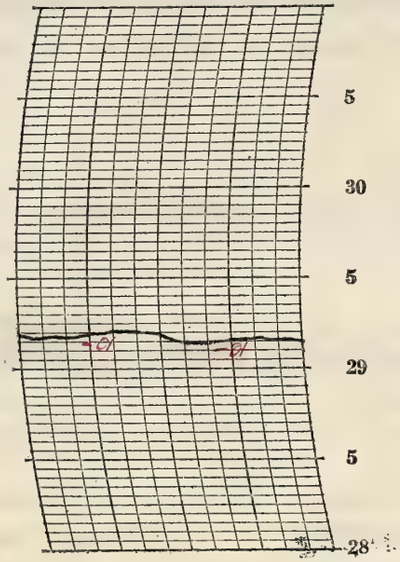
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ.

Verified by E. L. H.

8—486

NOTES

Light fog continued from midnight until 4:20 a m, when it became dense. It continued dense until 7:45 a m and light until 8:05 a m. While the fog was dense the visibility was about 50 feet and it was very wet; a mist falling at times. After the fog lifted the sky became clear and there were very few clouds after noon. The day was very warm, the skies remained clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 29 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	66	66	67	67	66	65	65	66	66	66	66
State of weather: Nature of precipitation and time of beginning and ending						RB 5:15					RE 10:55	
Amounts of precipitation						.19	.39	.17	.07	.02	.06	
Cloudiness and other conditions												
Sunrise: Time, 5:36 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	N	N	N	N	NE	N	N	N	N	SW	SW
Wind movement	2	3	5	6	5	7	5	2	3	3	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	69	68	65	62	61	60	59	58	56	56	55
State of weather: Nature of precipitation and time of beginning and ending									RB 8:30 RE 8:45	RB 9:05 RE 9:15		
Amounts of precipitation									T	T		
Cloudiness and other conditions	Cloudy											
Sunset: Time, 5:22 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0.1	0	0	0	0						
Wind direction	W	NW	NW	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	4	4	8	7	9	9	9	11	11	9	9	8

Maximum velocities (exceeding 2.4 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

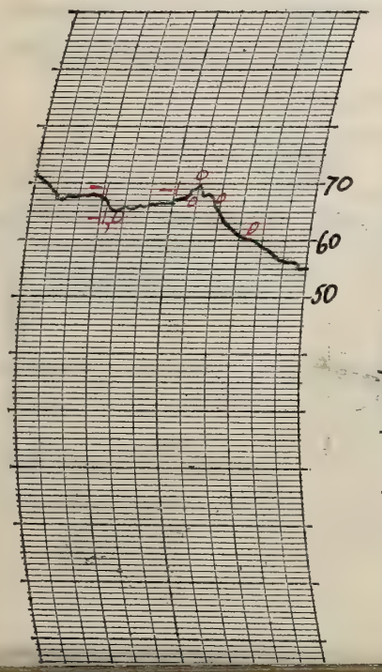
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .53 ins.; to 7 p. m., .37 ins.
Total precipitation, midnight to midnight, .90 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 1
Prevailing wind direction, N Total wind, 149
Average hourly velocity, 6.2 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 7:57 p.m.
Reduced barometer, 30.09 7 a. m. 30.11 7 p. m.
River gage, 1.8 feet
Relative humidity, 100 7 a. m. 92 7 p. m.

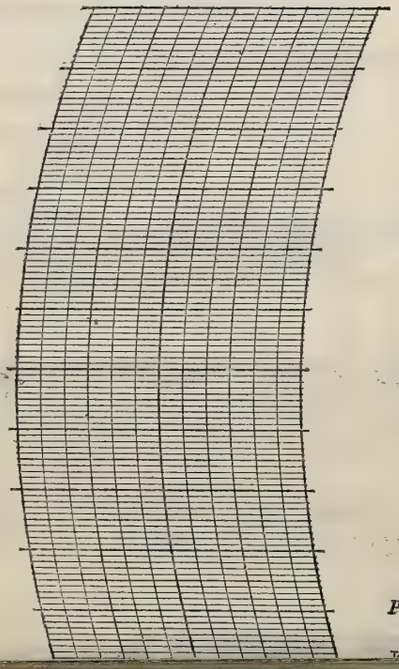
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.2 Wet temperature, 65.2
Dew-point, 64 R. humidity, 95 V. pressure, .595
Clouds: Amount, 10; Kind, stcu; Direction, N
Velocity of clouds (miles per hour)

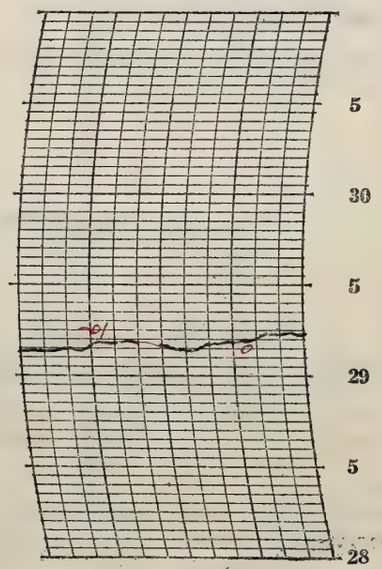
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J. E. H.

NOTES

A fairly heavy rain occurred between 5:15 a.m. and 10:55 a.m. with some light thunder to the NE of the station at 5:35 a.m. Visibility remained poor until 11:30 a.m. then fair to good until night. The sky remained overcast with about 4000 foot ceiling most of the day. Cloudy at night with light sprinkles.

Form No. 1014—Met'l

Verified by E.L.H.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne. Ind., (Day of week) Monday, (Date) SEP 30 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	53	53	52	51	50	51	53	55	58	58	59	59	59	59	58	56	54	52	51	50	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←				Part	Cloudy					x	Clear							→
Sunshine (in tenths of hours)						0	0	0.7	0.7	1.0	1.0	1.0	1.0	0.7	0.8	0.8	0.5 (0.5)	0 (0.42)						
Wind direction	NE	NE	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	N	N	N	N	N	N	N	NE	NE	NE	NE
Wind movement	8	11	10	9	9	10	8	10	12	14	12	13	12	11	11	11	9	7	6	7	6	6	6	5

Sunrise: Time, 5:37 Character, Cloudy
Moonrise:
Sunset: Time, 5:25 Character, Clear
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

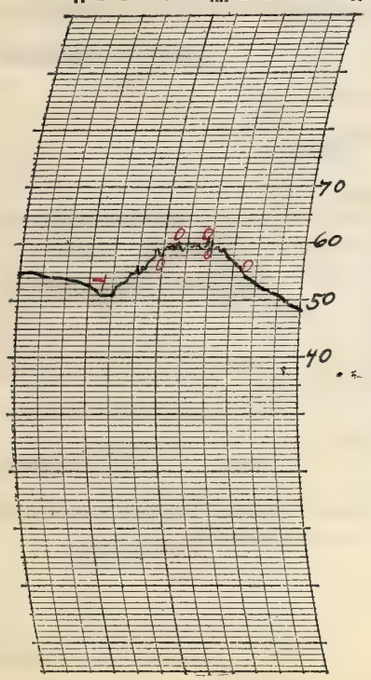
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	46	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.1 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 77
Prevailing wind direction, NE Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 18
Maximum velocity, 18 Direction, NE
Time began, 11:12 a m
Reduced barometer, 30.22 7 a. m. 30.21 7 p. m.
River gage, 1.4 fal
Relative humidity, 84 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.3 Wet temperature, 49.6
Dew-point, 42 R. humidity, 54 V. pressure, 266
Clouds: Amount, 6; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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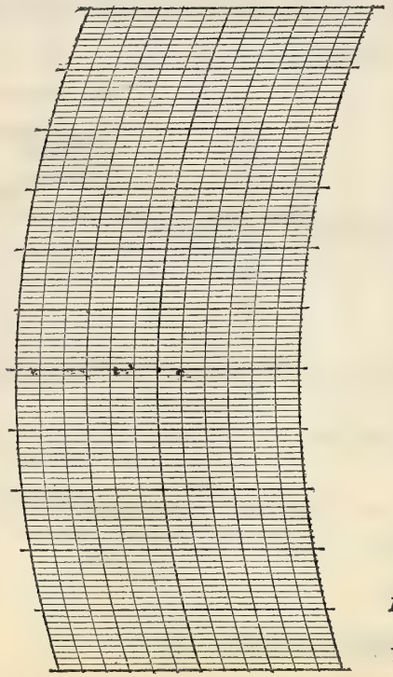
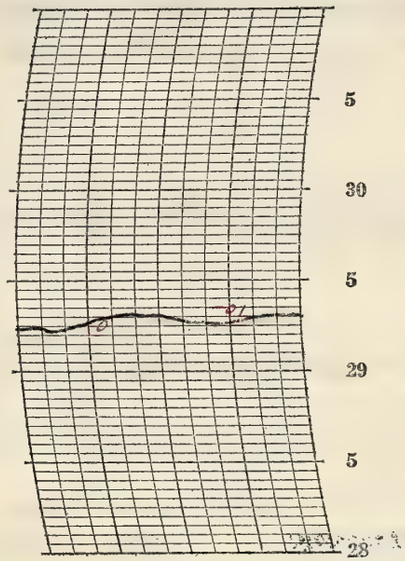


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	43	42	44	49	52	55	56	58	59	60	59	58	57	55	53	51	49	48	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear					× Pt Cldy								× Clear					→
Sunshine (in tenths of hours)						0.37 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0.4 0.4	0.38 0						
Wind direction	NE	NE	NE	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N
Wind movement	5	6	7	6	7	6	8	12	13	11	12	12	12	11	12	11	10	8	6	6	6	6	7	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:38 Character, Clear
Moonrise:
Sunset: Time, 5:23 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

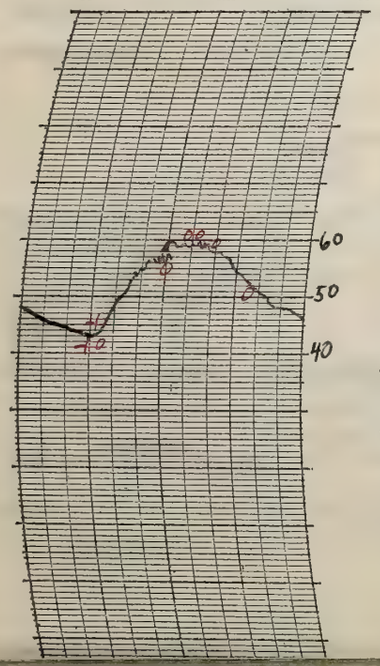
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	42	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 93
Prevailing wind direction, NE Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 19
Maximum velocity, 17 Direction, NE
Time began, 10:22 a.m.
Reduced barometer, 30.24 7 a.m. 30.15 7 p.m.
River gage, 0.8 feet
Relative humidity, 85 7 a.m. 72 7 p.m.

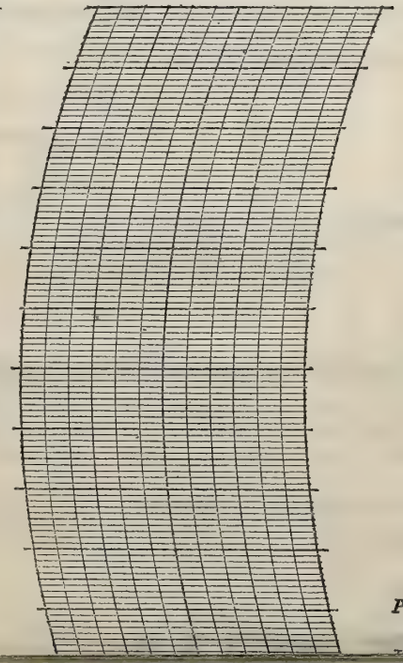
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.8 Wet temperature, 48.3
Dew-point, 39 R. humidity, 49 V. pressure, .237
Clouds: Amount, 5; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

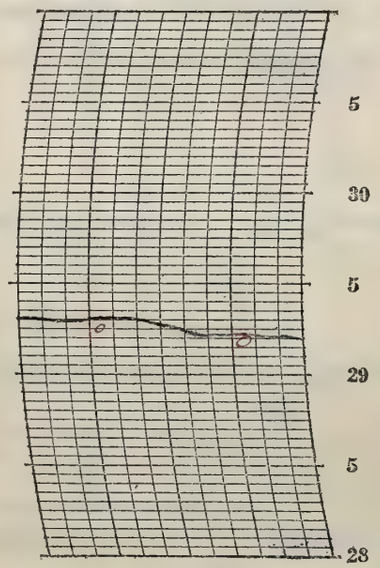
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind.; (Day of week) Wednesday, (Date) OCT 2 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	42	43	44	44	45	46	54	55	56	56	57	58	58	59	58	56	54	51	51	50	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						← Pt Cldy					x Clr x ft.		Cloudy											→
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.6 (0.4)	0 (0.37)						
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW
Wind movement	8	7	7	7	8	8	8	10	12	16	17	13	12	13	11	9	9	4	4	7	6	7	9	7
Maximum velocities (exceeding ---- miles) direction and time																								

Sunrise: Time, 5:39 Character, Cloudy
Moonrise:
Sunset: Time, 5:22 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

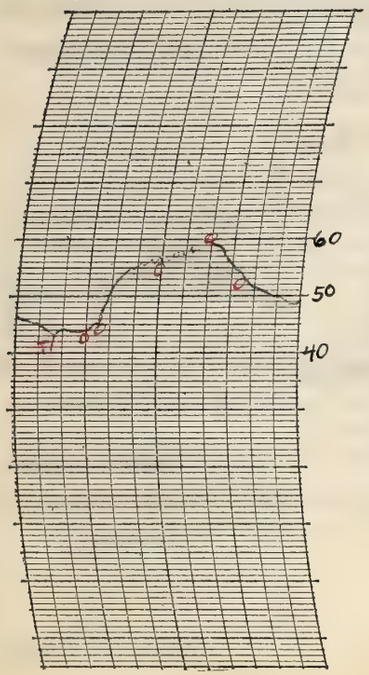
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	42	50	

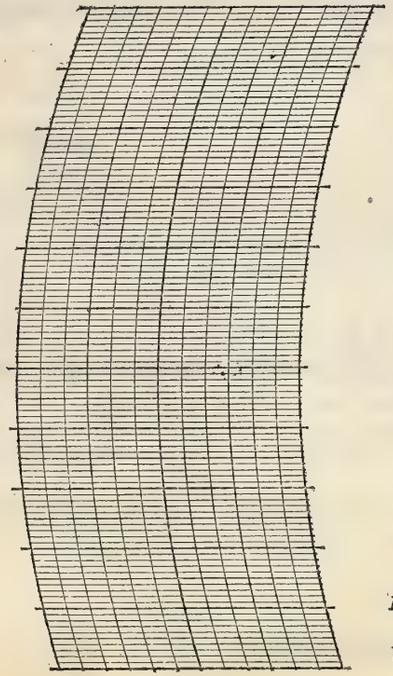
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.2 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 87
Prevailing wind direction, N Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 22
Maximum velocity, 21 Direction, N
Time began, 10:13 a m
Reduced barometer, 30.07 7 a. m. 30.01 7 p. m.
River gage, 0.8 feet
Relative humidity, 73 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 55.6 Wet temperature, 46.2
Dew-point, 36 R. humidity, 48 V. pressure, .24
Clouds: Amount, 4; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

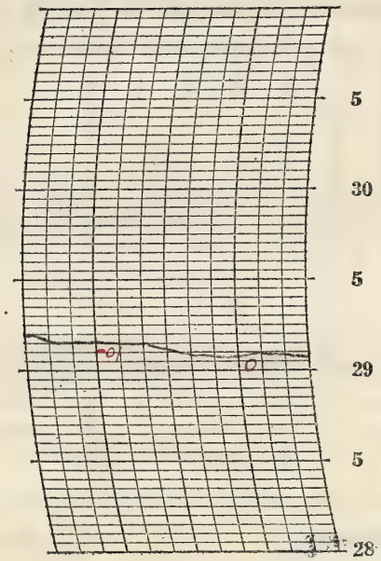
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by GV
Verified by E. L. H.

8—436

NOTES

Frost warning received "local frost tonight mostly light"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) OCT 3 1929, 192

Time (local standard) ____ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	47	47	48	48	49	50	51	51	54	54	54	54	56	56	51	50	48	47	46	44	43	42
State of weather: Nature of precipitation and time of beginning and ending								RB 7:10		RE 9:20							RB 4:15			RE 7:30				
Amounts of precipitation								T	.06	.02							.02	.01	.07	T				
Cloudiness and other conditions													Cloudy								Partly Clear			
Sunrise: Time, 5:40 Character, Cloudy																					Sunset: Time, 5:20 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0.4	0.4	0	0						
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	SW	W	W	W	W	W	W	W	NW	NW	N	NW	N	N	N
Wind movement	10	7	6	7	5	6	5	5	5	5	7	8	9	9	10	10	15	8	9	7	6	6	5	3
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	42	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.18 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.8 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 7
Prevailing wind direction, W Total wind, 173
Average hourly velocity, 7.2 Extreme velocity, 2.4
Maximum velocity, 21 Direction, NW
Time began, 4:26 p. m.
Reduced barometer, 30.00 7 a. m., 29.97 7 p. m.
River gage, 0.8 feet
Relative humidity, 88 7 a. m. 96 7 p. m.

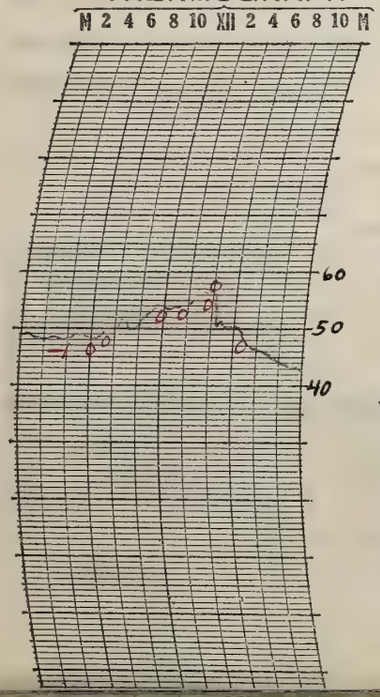
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 51.2
Dew-point, 49 R. humidity, 83 V. pressure, .347
Clouds: Amount, 10; Kind, stratus; Direction, NW
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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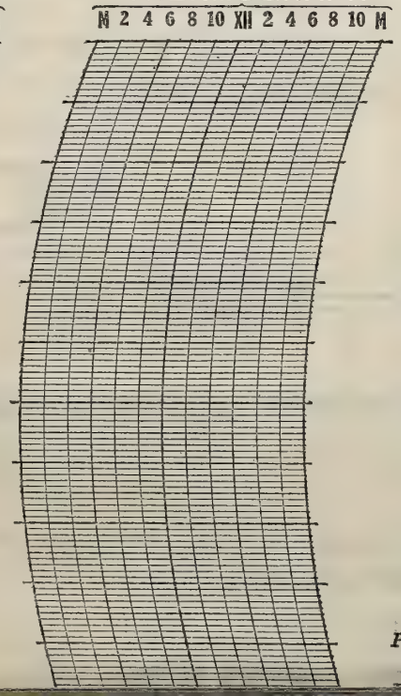
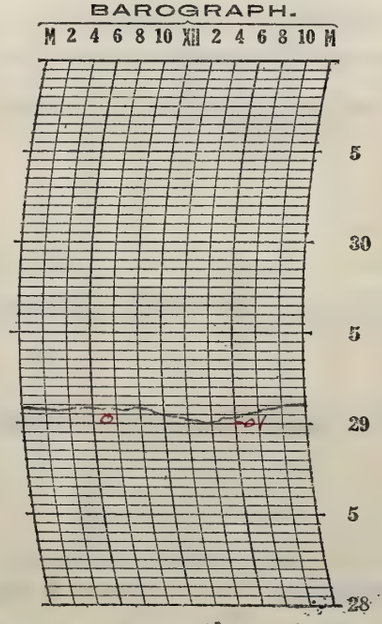


BAROGRAPH.



Prepared by C. H. H.

NOTES.

Cloudy, threatening, rainy day. The visibility was very poor between 8:30 a.m. and 9:30 a.m. Streets were slippery from 7:30 a.m. to 8:30 a.m. Skies mostly clear after 10:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 4 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	38	37	37	37	41	46	48	50	53	55	56	56	55	54	53	51	50	50	49	48	47
State of weather: Nature of precipitation and time of beginning and ending		RB BNA	RE DNa																					
Amounts of precipitation		T	.01																					
Cloudiness and other conditions						←		Clear								X	Pt Cloudy						→	
Sunrise: Time, 5:41 Character, Clear																								
Moonrise:																								
Sunset: Time, 5:19 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0.32 0	0.8 0.2	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.5	0	0						
Wind direction	N	N	N	N	N	N	N	NW	NW	N	NW	NW	NW	W	W	WN	N	N	N	NW	NW	NW	NW	NW
Wind movement	4	4	4	4	4	4	3	4	3	4	4	4	5	5	5	5	4	2	2	2	1	1	1	1
Maximum velocities (exceeding 30 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

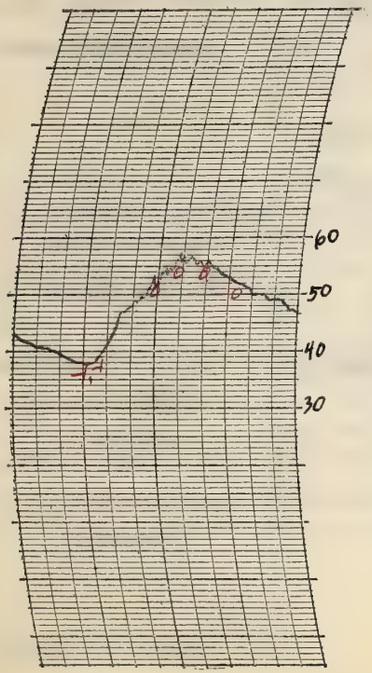
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.7 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 84
Prevailing wind direction, N Total wind, 80
Average hourly velocity, 3.3 Extreme velocity, 8
Maximum velocity, 8 Direction, NW
Time began, 2:13 p.m.
Reduced barometer, 30.07 7 a. m. 30.10 7 p. m.
River gage, 0.8 feet
Relative humidity, 93 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.1 Wet temperature, 44.0
Dew-point, 34 R. humidity, 47 V. pressure, .195
Clouds: Amount, 2; Kind, Cist; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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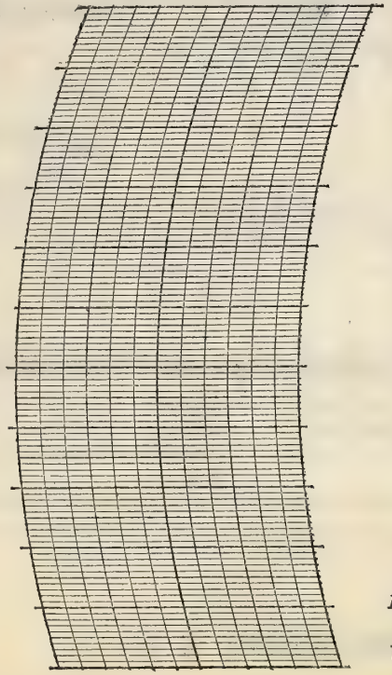

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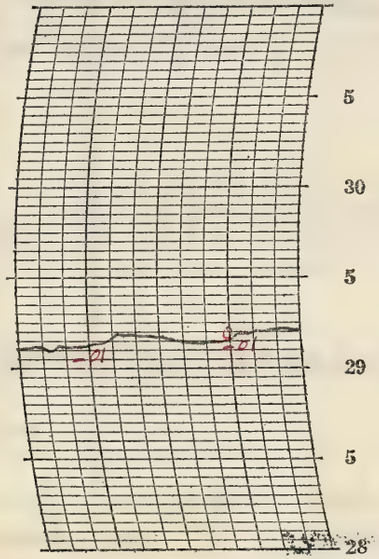


Prepared by CH.

Verified by E.L.H.

8—486

NOTES

Clear, cool morning, with a heavy white frost. This was the coldest morning so far this fall.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 5 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	44	42	41	42	50	55	58	60	63	65	67	67	67	66	63	61	59	57	55	54	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Partly							Clear											→
Sunshine (in tenths of hours)						0 (0.30)	0.2 (0.2)	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 (0.6)	0 (0.28)						
Wind direction	0	NW	NW	NW	E	E	E	SE	SE	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW
Wind movement	0	1	2	2	1	1	2	4	7	8	8	7	8	7	7	7	6	4	4	5	7	7	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:42 Character, Clear
Moonrise:
Sunset: Time, 5:17 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

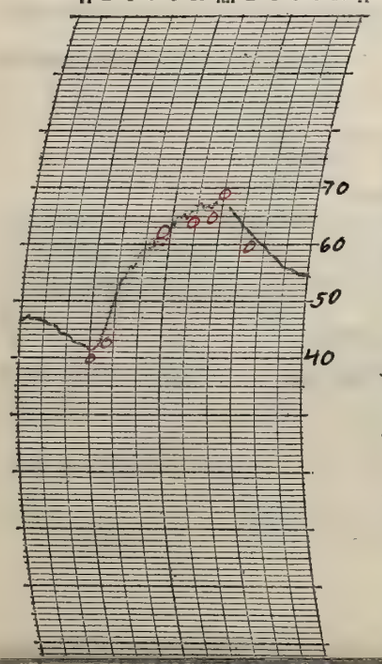
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 99
Prevailing wind direction, S Total wind, 121
Average hourly velocity, 5.0 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 11:22 a.m.
Reduced barometer, 30.17 7 a. m. 30.12 7 p. m.
River gage, 0.9 feet
Relative humidity, 81 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.9 Wet temperature, 53.9
Dew-point, 47 R. humidity, 56 V. pressure, .322
Clouds: Amount, Few; Kind, Cirr; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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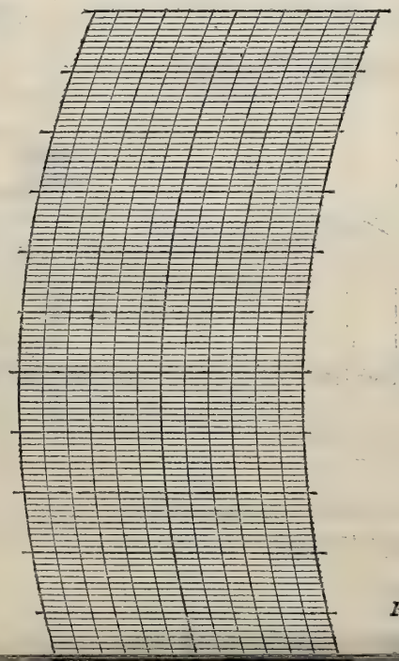
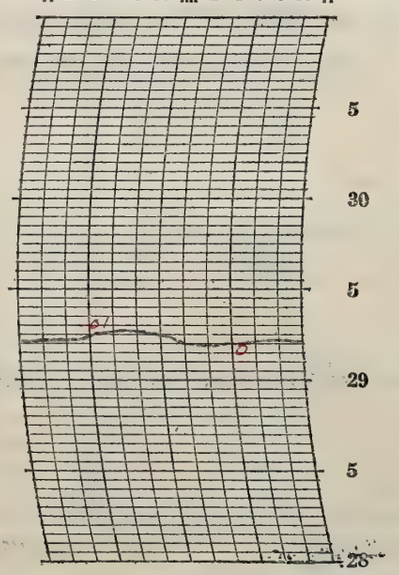


BAROGRAPH.



Prepared by JH

NOTES

a light white frost occurred in the early morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 6 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	51	49	49	48	51	57	60	61	61	62	65	67	68	68	66	63	62	61	61	61	62	61
Nature of precipitation and time of beginning and ending																							RB 10:40 RE 10:55	
Amounts of precipitation																							T	
Cloudiness and other conditions						←			Pt Cloudy				→ Clear		× Pt Cloudy									→
Sunshine (in tenths of hours)						0	0	0.8	1.0	0	0.6	1.0	1.0	1.0	1.0	0.8	0.2	0						
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	8	7	8	8	8	7	9	10	13	17	15	16	17	14	15	14	10	6	5	10	12	10	8	8

State of weather.

Sunrise: Time, 5:43 Character, Cloudy
Moonrise:

Sunset: Time, 5:15 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

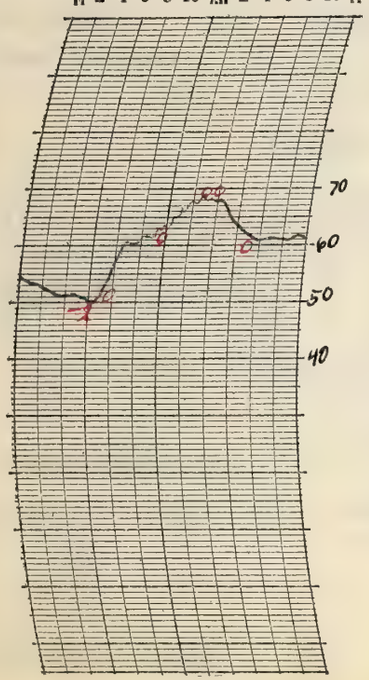
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.4 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 64
Prevailing wind direction, SW Total wind, 255
Average hourly velocity, 10.6 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 1:15 pm
Reduced barometer, 30.12 7 a. m. 30.04 7 p. m.
River gage, 0.8 feet
Relative humidity, 93 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.1 Wet temperature, 56.1
Dew-point, 52 R. humidity, 69 V. pressure, .387
Clouds: Amount, 5; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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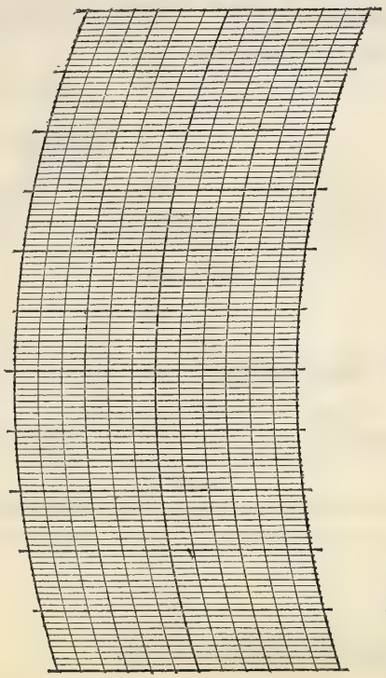
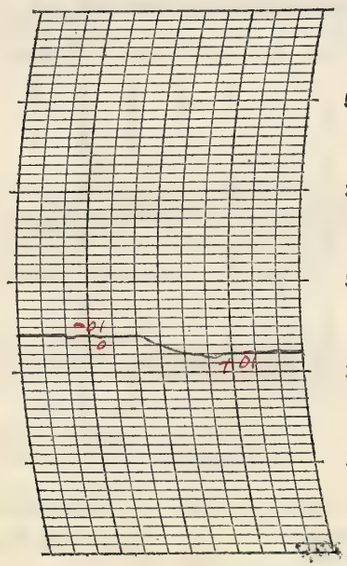


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. K.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	55	53	51	52	56	59	61	62	63	64	65	64	63	60	57	55	55	53	51	49	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear →																		
Sunshine (in tenths of hours)						0.27 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.23 0						
Wind direction	W	W	NW	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	NW	NW	NW	NW	NW	NW	W	W	W	W
Wind movement	8	8	8	6	6	6	6	7	8	8	11	13	15	14	15	13	12	7	5	5	5	6	7	5
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 5:44 Character, Clear
Moonrise: ___ ___
Sunset: Time, 5:14 Character, Clear
Moonset: ___ ___

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

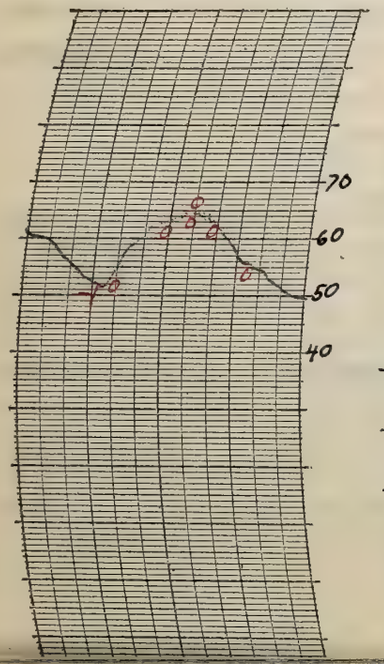
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	49	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ___
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 2:14 p.m.
Reduced barometer, 30.13 7 a. m. 30.20 7 p. m.
River gage, 0.8 feet
Relative humidity, 84 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.0 Wet temperature, 49.9
Dew-point, 37 R. humidity, 38 V. pressure, .219
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour) ___

THERMOGRAPH



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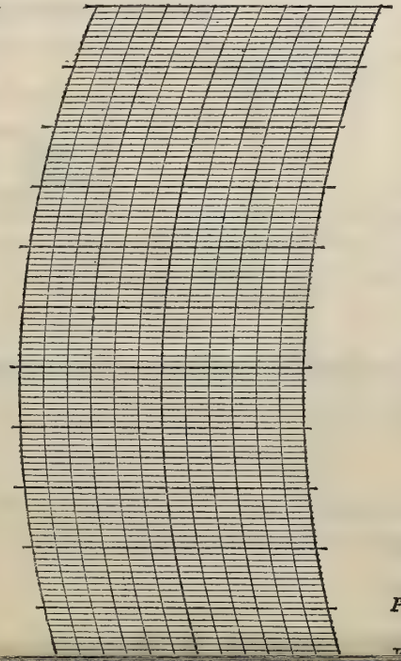
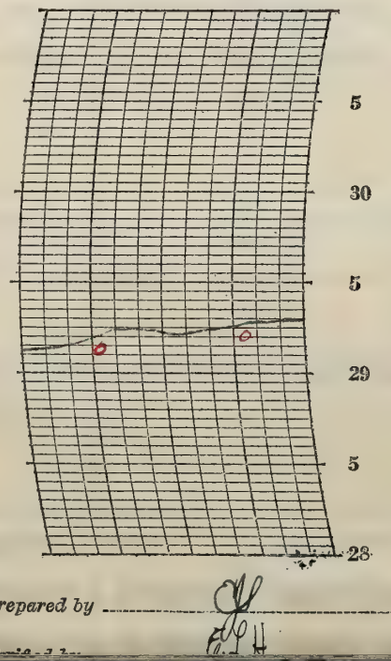


BAROGRAPH.



Prepared by [illegible]

NOTES

Clear, mild, beautiful day. Clear at night. Visibility and general conditions good the entire 24 hours. Frost warning received "local light frost"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 8 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	46	44	42	41	43	47	51	55	57	58	58	58	59	59	58	54	52	51	50	47	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear				× Pt Cldy			× Cloudy			× Pt Cloudy								→
Sunshine (in tenths of hours)						0.25 0	1.0 0	0.5 0.2	1.0	0.9	1.0	0.8	0.2	0.4	0.6	0.2	0	0						
Wind direction	W	NW	NW	W	W	W	W	W	NE	SW	W	W	NW	W	W	NW	NW	NW	N	N	N	N	N	N
Wind movement	6	5	5	3	2	1	1	2	3	3	7	8	9	6	9	7	4	6	4	2	2	3	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:45 Character, Clear
Moonrise:
Sunset: Time, 5:12 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

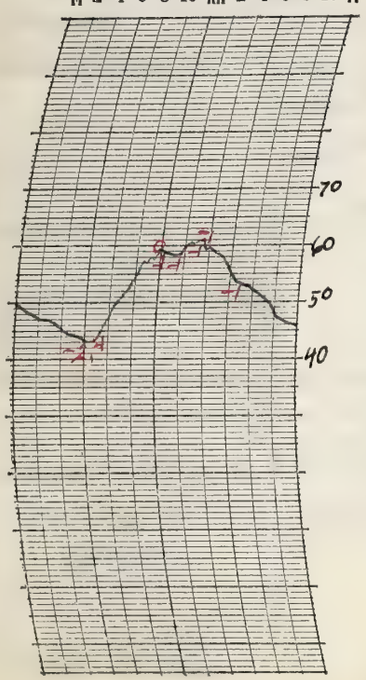
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	41	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 65
Prevailing wind direction, W Total wind, 107
Average hourly velocity, 4.5 Extreme velocity, 11
Maximum velocity, 11 Direction, W
Time began, 12:10 p.m.
Reduced barometer, 30.31 7 a. m. 30.30 7 p. m.
River gage, 0.8 feet
Relative humidity, 85 7 a. m. 60 7 p. m.

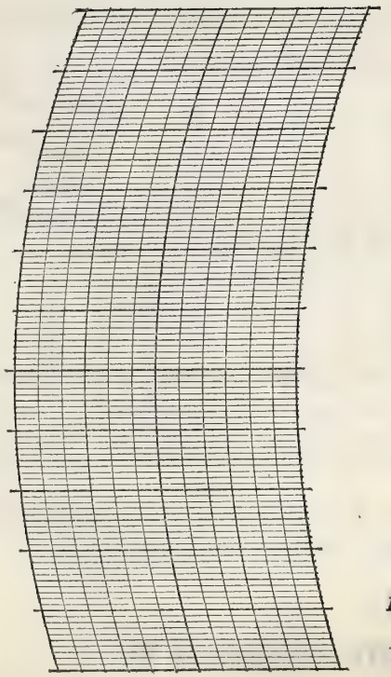
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 47.0
Dew-point, 35 R. humidity, 42 V. pressure, .203
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

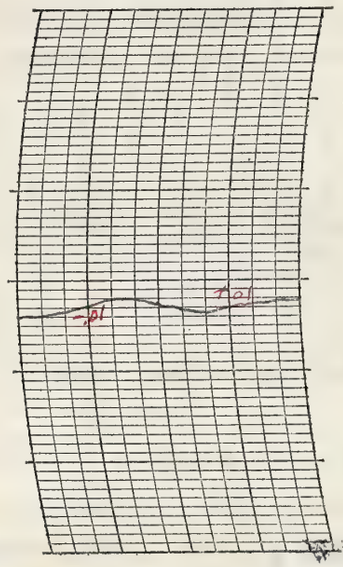
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A light frost occurred about 6:00 a.m.
Frost warning received "possibly light frost"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 9 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	38	37	37	36	38	40	44	47	50	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Cloudy				X-Pt	Cldy	
Sunshine (in tenths of hours)						0	0	0.4	0.7	0.6	0.5	1.0
Wind direction	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	5	6	6	5	6	5	7	8	9	9	11	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	54	55	54	53	51	49	49	47	47	47	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							X — Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	0.2	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E
Wind movement	7	8	9	8	7	6	6	9	10	9	9	8

Sunrise: Time, 5:46 Character, Cloudy
Moonrise:

Sunset: Time, 5:10 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

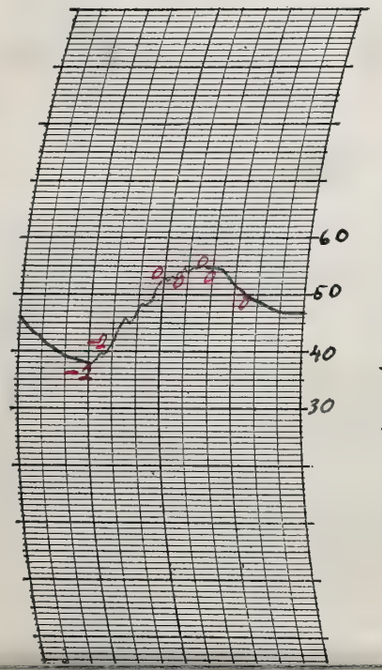
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	36	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 47
Prevailing wind direction, NE Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 16
Maximum velocity, 15 Direction, E
Time began, 8:11 p.m.
Reduced barometer, 30.47 7 a. m. 30.49 7 p. m.
River gage, 0.8 feet
Relative humidity, 74 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.6 Wet temperature, 41.2
Dew-point, 26 R. humidity, 34 V. pressure, .136
Clouds: Amount, 4 Few; Kind, Cu. cu; Direction, NW NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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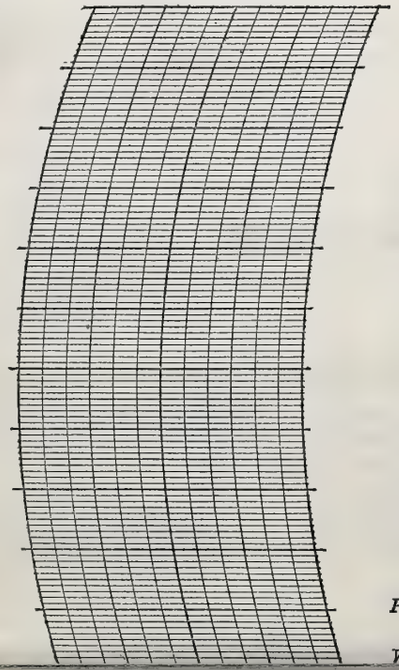
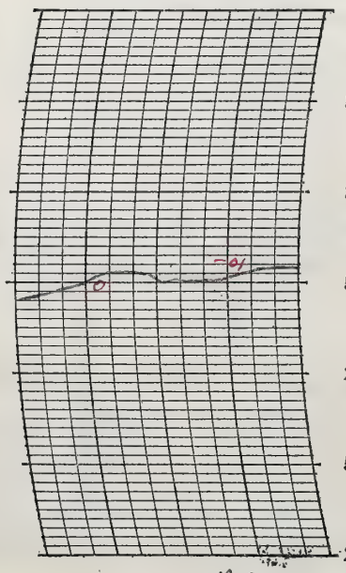


BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 10 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	45	45	45	46	47	48	50 RB 10:55	50	51	51	50	48	47	46	46	47	47	47	48	49 A Cont.
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation											T	T	T	T	T	.03	.06	.06	.07	.09	.20	.16	.02	.01
Cloudiness and other conditions													Cloudy											
Sunrise: Time, 5:47 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 5:09 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	9	8	9	10	10	9	6	7	9	9	10	10	9	7	10	10	11	12	12	12	11	8	9	7
Maximum velocities (exceeding 2 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	44	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .20 ins.
Total precipitation, midnight to midnight, .70 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 224
Average hourly velocity, 9.3 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 6:27 p.m.
Reduced barometer, 30.55 7 a. m. 30.47 7 p. m.
River gage, 0.8 feet
Relative humidity, 59 7 a. m. 96 7 p. m.

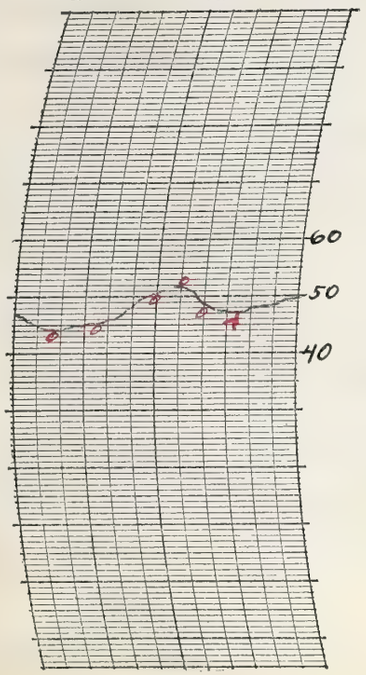
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

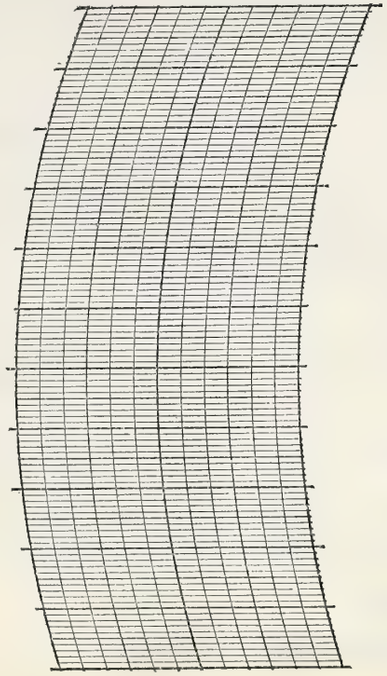
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 43.5
Dew-point, 36 R. humidity, 59 V. pressure, .211
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

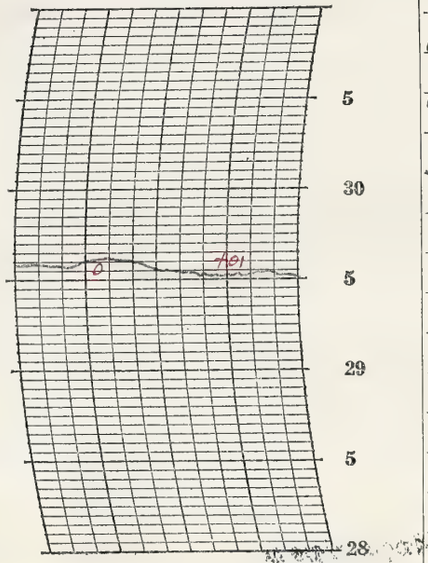
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

A light rain began at 10:55 a.m. and continued until midnight. Visibility poor, clouds low and streets were slippery from the time the rain began until midnight.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 11 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	50	50	50	50	51	53	55	55	55	56
State of weather: Nature of precipitation and time of beginning and ending	A Cont											
Amounts of precipitation	.01	T	T	T	.02	T	.01	.01	T	.01	T	.01
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	SE	SE	S	S	S
Wind movement	7	7	5	6	5	4	3	5	5	7	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	58	59	58	58	58	58	59	59	60	60
State of weather: Nature of precipitation and time of beginning and ending				RF 3:30								
Amounts of precipitation	.02	.01	T	.01								
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	S	S	S	SE	SE	S	S	SE	SE	S	S
Wind movement	7	7	6	6	6	5	6	8	8	6	8	8

Sunrise: Time, 5:48 Character, Cloudy
Moonrise:

Sunset: Time, 5:02 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2.1 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

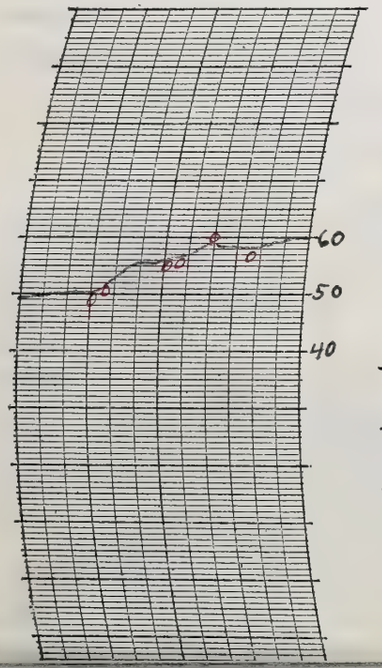
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	49	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .54 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 10:16 a. m.
Reduced barometer, 30.41 7 a. m. 30.11 7 p. m.
River gage, 1.0 feet
Relative humidity, 97 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.6 Wet temperature, 54.8
Dew-point, 54 R. humidity, 95 V. pressure, .417
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour) ——

THERMOGRAPH



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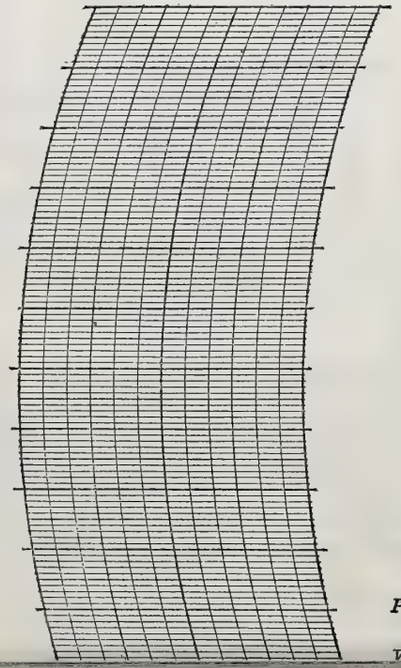
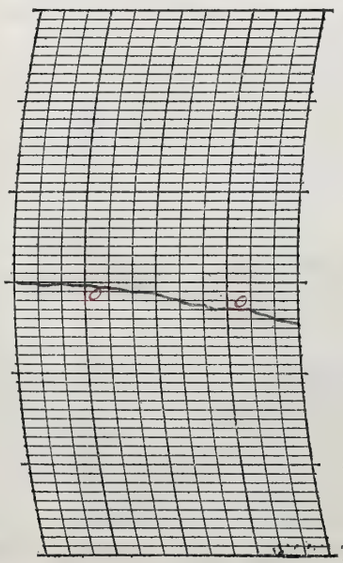


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

NOTES

A steady light rain continued from the 10th until 3:30 p.m. Very poor visibility. A moderate wet, and generally bad day.

Form No. 1014—Met'l

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ~~Saturday~~, (Date) OCT 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	59	59	60	59	57	57	58	59	53
							RB 6:10					RE 1:35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation							.01	.05	.09	.05	.04	.05
Cloudiness and other conditions						←		Cloudy				→
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	9	8	10	12	13	12	13	14	13	15	15	12

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	59	63	64	62	60	58	57	55	52	51	50
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0.6	1.0	1.0	0.4	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	10	12	14	13	11	9	8	7	7	6	8	9

Sunrise: Time, 5:49 Character, Cloudy

Moonrise: ——

Sunset: Time, 5:26 Character, Clear

Moonset: ——

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 3.1 ins.

Total precipitation, midnight to midnight, 3.2 inches.

Character of day, Pt Cloudy Moon phase, ——

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 3.7 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 33

Prevailing wind direction, SW Total wind, 260

Average hourly velocity, 10.8 Extreme velocity, 18

Maximum velocity, 17 Direction, SW

Time began, 11:05 2 m.

Reduced barometer, 30.11 7 a. m. 30.09 7 p. m.

River gage, 12 feet

Relative humidity, 83 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

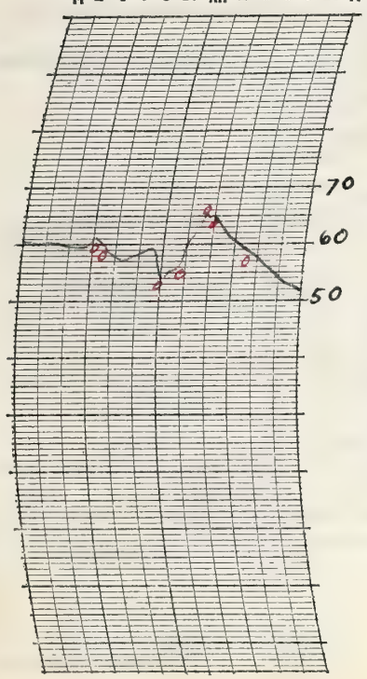
Dry temperature, 52.8 Wet temperature, 51.8

Dew-point, 51 R. humidity, 94 V. pressure, .373

Clouds: Amount, 10; Kind, St cu; Direction, W

Velocity of clouds (miles per hour) —

THERMOGRAPH



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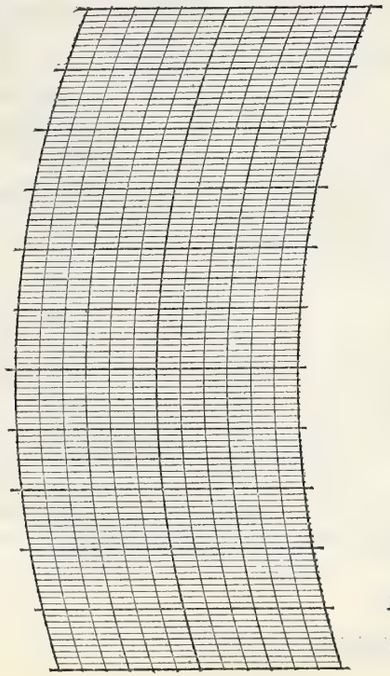
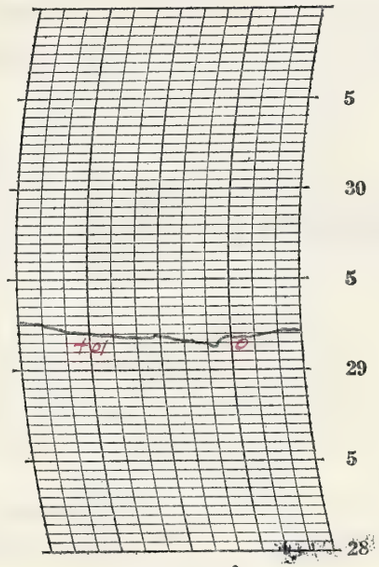


BAROGRAPH.



Prepared by E.J.S.

Verified by E.J.H.

8—436

NOTES

Rain began at 6:10 A.M. and continued until 11.35 a.m. Then the sky cleared rapidly and by 2:30 p.m. the sun was shining. A rainy cloudy morning, streets slippery and visibility very poor, followed by a beautiful afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 13 1929, 192

Time (local standard) 90 mer. normal time.	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	45	45	46	48	49	49	50	53	55	56	57	57	58	58	58	57	55	54	52	51	48	48	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy							Wly Pt Cldy				Pt Cldy		Clear					→
Sunshine (in tenths of hours)						0	0	0	0.3	1.0	0.7	0.7	0.4	0.9	0.8	0.8	1.0 0	0.07 0						
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	9	10	8	8	7	7	8	8	8	7	7	9	8	9	7	5	4	3	5	4	5	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:51 Character, Cloudy
Moonrise:
Sunset: Time, 5:04 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

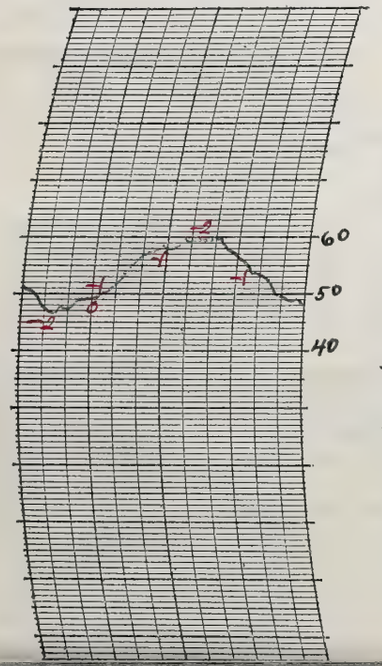
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	58	45	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.7 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 60
Prevailing wind direction, W Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 2:09 p.m.
Reduced barometer, 30.20 7 a. m., 30.14 7 p. m.
River gage, 1.2 feet
Relative humidity, 86 7 a. m. 65 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.2 Wet temperature, 50.7
Dew-point, 45 R. humidity, 64 V. pressure, 298
Clouds: Amount, 10; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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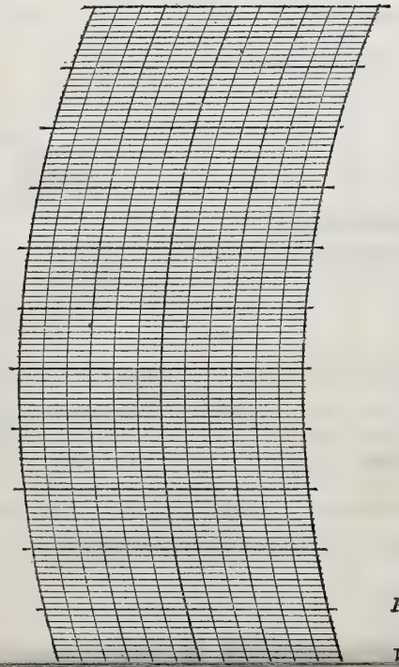
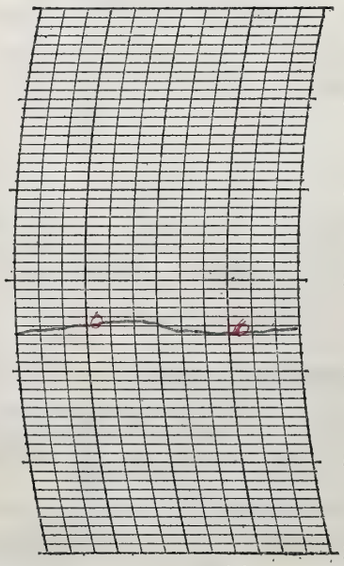


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

A partly cloudy day, followed a cloudy morning. A cool, windy day. Good visibility and the weather was not threatening. Possibly light frost warnings were issued with the morning forecast.

Frost warning received "possibly local light frost tonight"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 14 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	43	42	41	41	42	45	51	56	58	60	61	62	63	63	62	61	58	56	53	53	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)						0.13 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.03 0						
Wind direction	W	W	W	W	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	O	NW	NW	O	NW
Wind movement	3	3	4	5	4	4	4	4	6	7	5	6	8	7	7	6	3	2	1	0	2	1	0	1
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:52 Character, Clear
Moonrise:
Sunset: Time, 5:02 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

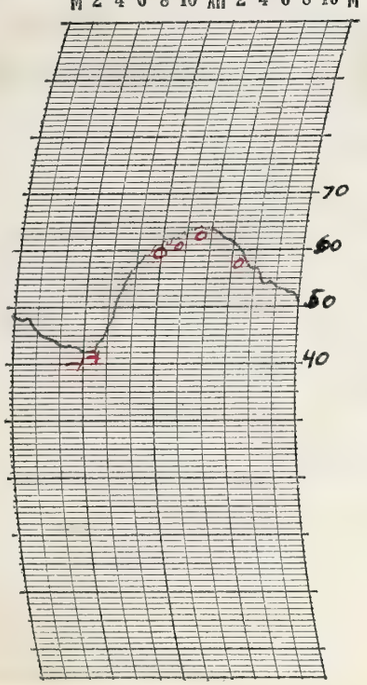
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	41	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.2 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 100
Prevailing wind direction, N.W. Total wind, 93
Average hourly velocity, 3.9 Extreme velocity, 10
Maximum velocity, 10 Direction, N.W.
Time began, 2:46 p.m.
Reduced barometer, 30.21 7 a. m., 30.18 7 p. m.
River gage, 1.2 feet
Relative humidity, 84 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.3 Wet temperature, 48.8
Dew-point, 32 R. humidity, 42 V. pressure, .212
Clouds: Amount, 3; Kind, Cu.; Direction, N.W.
Velocity of clouds (miles per hour)

THERMOGRAPH



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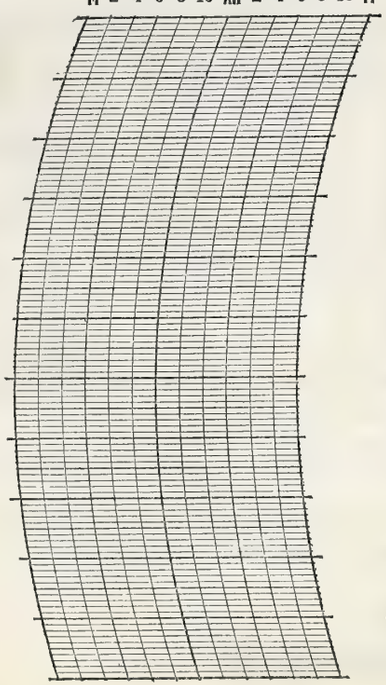
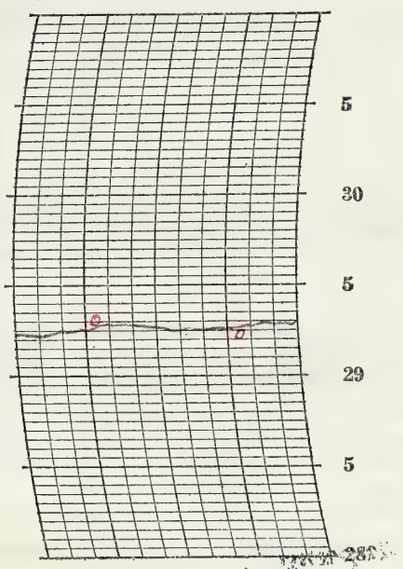


BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES

Light frost occurred in the early morning followed by a heavy dew. The light fog began at 5:40 a.m. and ended at 6:30 a.m. It was quite bad and visibility was poor during the early morning. The fog cleared early and the day was clear with moderate temperature and gentle winds. Frost warnings received for possibly light frost tonight

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 15 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	45	44	44	45	46	51	59	63	66	66	62	63	64	61	60	58	57	57	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear											Pt Cloudy							→
Sunshine (in tenths of hours)						0.12 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	0	0.6	1.0	1.0 0	0.02 0						
Wind direction	NW	NW	NW	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW
Wind movement	2	1	1	2	4	5	5	7	8	9	10	9	10	13	11	10	9	8	7	9	11	10	12	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:53 Character, Clear
Moonrise:
Sunset: Time, 5:01 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

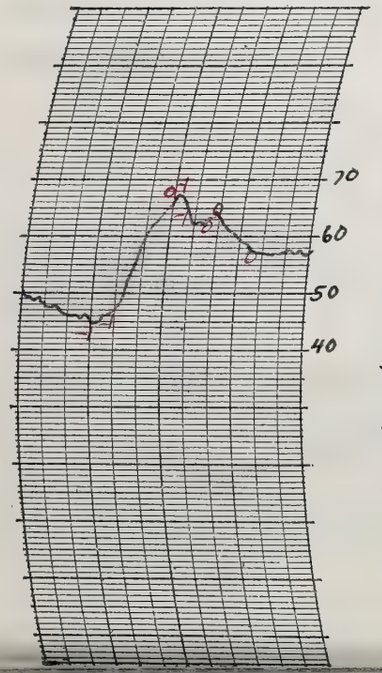
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	44	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 1:26 p.m.
Reduced barometer, 30.26 7 a. m., 30.16 7 p. m.
River gage, 1.2 feet
Relative humidity, 80 7 a. m., 72 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.6 Wet temperature, 52.8
Dew-point, 42 R. humidity, 41 V. pressure, 266
Clouds: Amount, 6; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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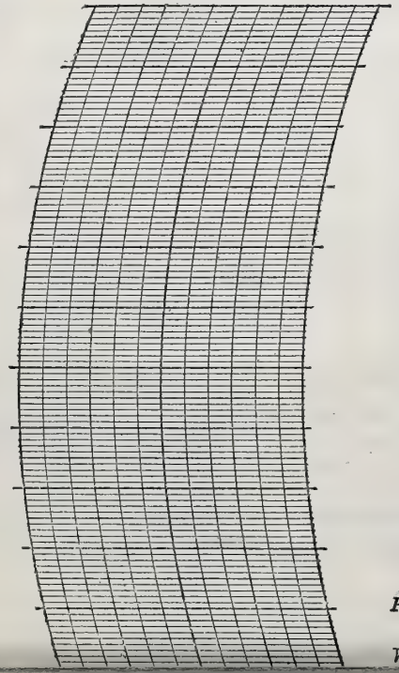
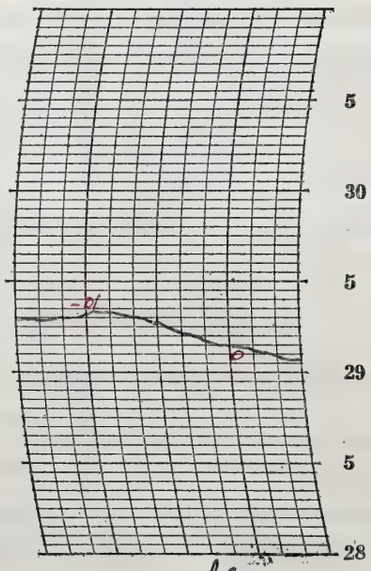


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

NOTES

Light frost occurred in early morning. The morning up to 7:00 a.m. was somewhat hazy with only fair visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 16 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	56	56	57	57	59	61	64	65	66	66	67	68	66	63	59	56	55	52	50	49	47	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy				× P	× Cldy	× Cldy P	× Cloudy								PC Cldy →			
Sunrise: Time, 5:54 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 4:59 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	11	10	11	12	13	14	12	12	14	14	13	14	14	15	16	13	10	11	12	11	9	6	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

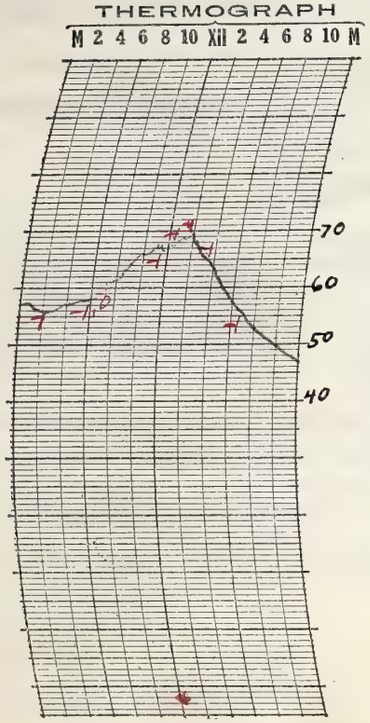
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	45	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.8 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 70
Prevailing wind direction, NW Total wind, 284
Average hourly velocity, 11.8 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 2:13 p.m.
Reduced barometer, 29.87 7 a. m. 29.44 7 p. m.
River gage, 1.2 feet
Relative humidity, 81 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.0 Wet temperature, 59.1
Dew-point, 54 R. humidity, 66 V. pressure, .417
Clouds: Amount, 3; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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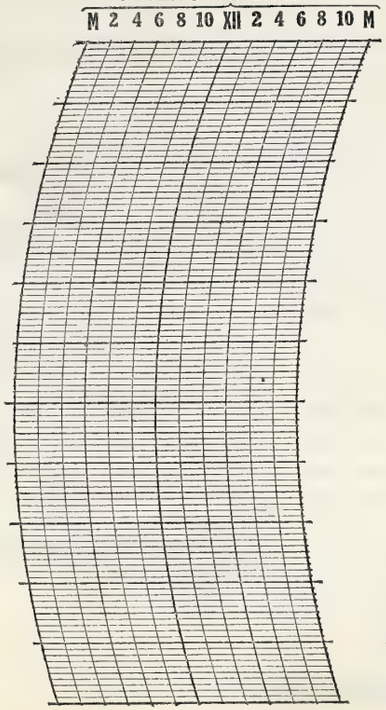
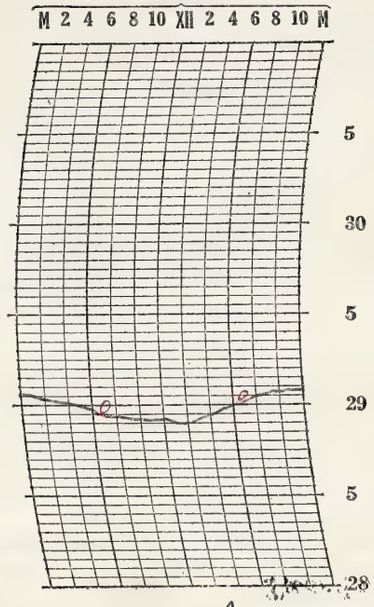


BAROGRAPH.



Prepared by CH
Verified by EAH

8—486

NOTES

Frost warning received for local frost tonight

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 17 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	40	40	39	38	40	44	46	49	51	53	55	57	57	57	55	54	53	49	48	46	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear												→
Sunshine (in tenths of hours)						0.08 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.77 0.2							
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	7	7	7	9	6	6	7	10	8	8	7	6	7	8	7	7	4	3	5	5	5	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:55 Character, Clear
Moonrise:
Sunset: Time, 4:58 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

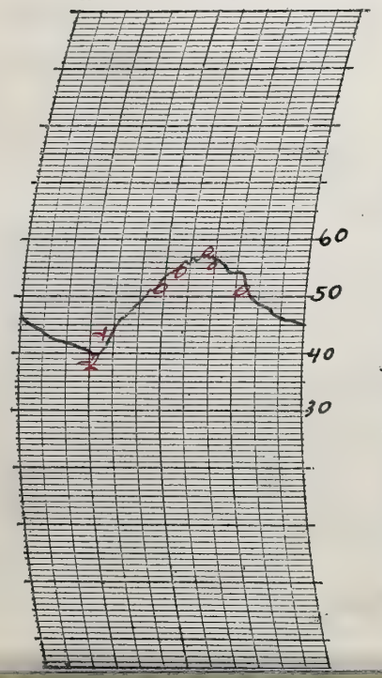
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	38	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 154
Average hourly velocity, 6.4 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 8:36 2 m
Reduced barometer, 30.09 7 a. m. 30.09 7 p. m.
River gage, 1.0 feet
Relative humidity, 80 7 a. m. 43 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.3 Wet temperature, 43.1
Dew-point, 31 R. humidity, 42 V. pressure, .172
Clouds: Amount, 1; Kind, cirst; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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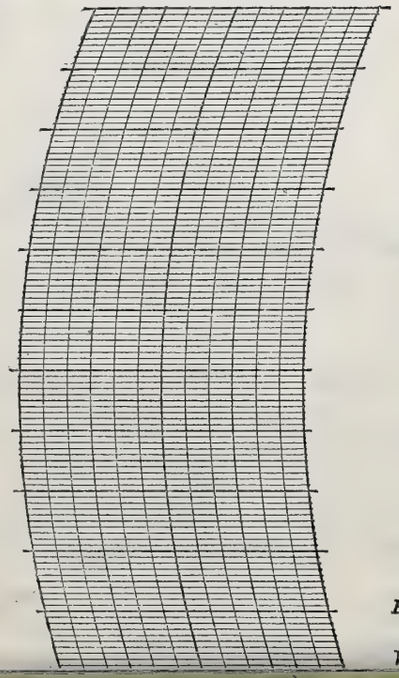
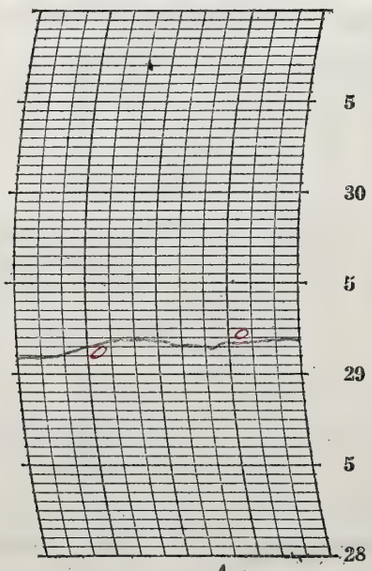


BAROGRAPH.



Prepared by
Verified by E. L. H.

NOTES

Light frost occurred in early morning. A clear, beautiful, cool day. Frost warnings received for Friday morning for "frost tonight"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 18 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	41	41	41	42	47	53	57	60	61	63	65	66	66	64	62	60	58	57	54	53	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear														Partly × Clear →				
Sunshine (in tenths of hours)						0.07 0	1.0 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.83 0.1							
Wind direction	N	N	N	NW	NW	NW	E	SE	S	S	S	S	S	S	S	S	S	S	SE	SE	S	S	S	S
Wind movement	3	3	1	2	1	1	2	3	3	4	6	5	7	5	6	6	5	3	4	6	6	5	7	5
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 5:56 Character, Clear
Moonrise:
Sunset: Time, 4:56 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

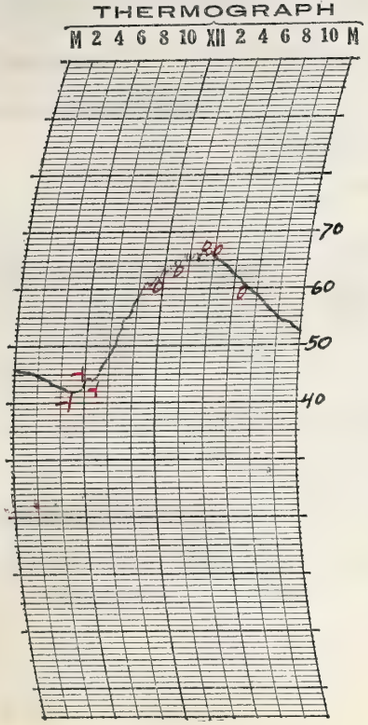
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	41	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 99
Average hourly velocity, 4.1 Extreme velocity, 8
Maximum velocity, 8 Direction, SE
Time began, 12:25 pm
Reduced barometer, 30.16 7 a. m. 30.08 7 p. m.
River gage, 1.0 feet
Relative humidity, 85 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 60.9 Wet temperature, 47.2
Dew-point, 31 R. humidity, 33 V. pressure, .172
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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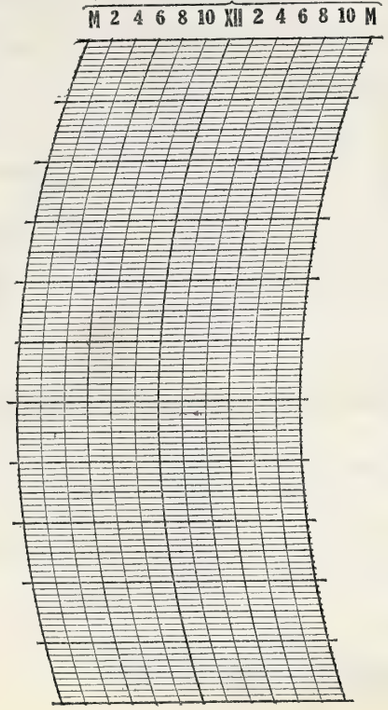

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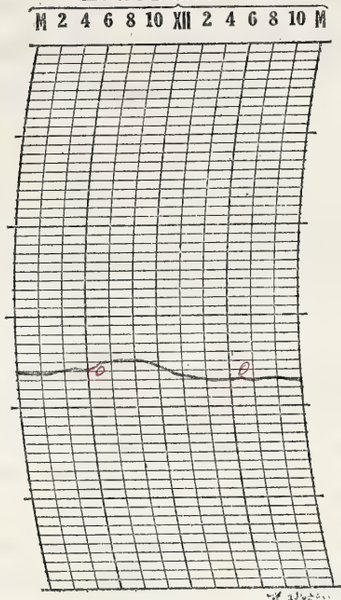


Prepared by
Verified by

8—486

NOTES

A mostly clear, moderate day. Clear also at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	48	47	47	47	53	61	66	70	71	73	75	74	73	70	68	66	63	62	60	58	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.05 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.92 0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	7	5	5	8	7	8	7	7	8	10	9	9	11	8	8	6	6	6	6	7	8	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Clear

Sunrise: Time, 5:57 Character, Clear

Moonrise:

Sunset: Time, 4:55 Character, Clear

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

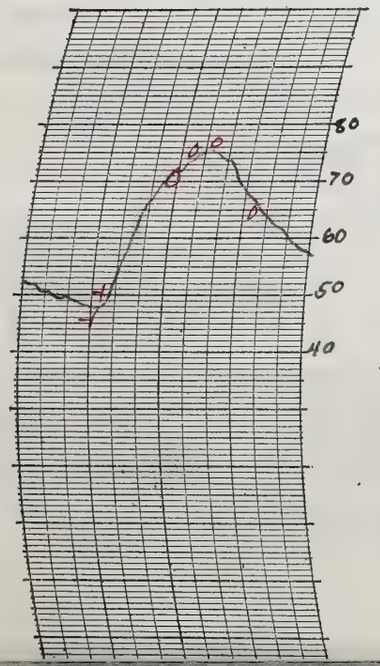
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	46	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 1:30 p.m.
Reduced barometer, 30.05 7 a. m. 29.95 7 p. m.
River gage, 1.0 feet
Relative humidity, 54 7 a. m. 24 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 51.3
Dew-point, 31 R. humidity, 22 V. pressure, .172
Clouds: Amount, Few; Kind, Cirr; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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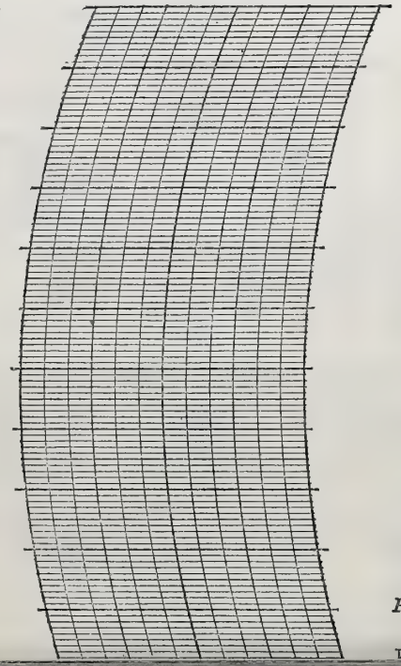
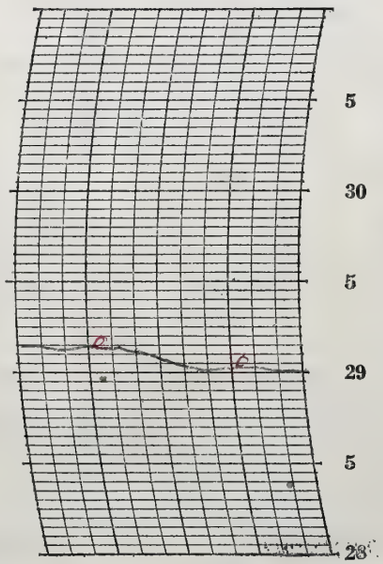


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Clear, warm beautiful day. Warmest day so far this month. Clear at night

Form No. 1014—Met'l

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 20 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	55	55	54	54	53	54	57	60	60	57 R 0.25	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation											03	05
Cloudiness and other conditions						←					Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	7	8	9	8	9	9	10	8	9	10	10	7

Sunrise: Time, 5:58 Character, Cloudy

Moonrise: ——— ———

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	56	54	54	53	54	53	52	51	51	50 R cont
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	02	01	01	05	01	01	01	01	02	T	T	02
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S		W	NW	NW	NW	NW	NW	NW	N	NW
Wind movement	8	9	7	5	6	5	4	4	6	4	3	5

Sunset: Time, 4:53 Character, Cloudy

Moonset: ——— ———

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	50	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m. 0.20 ins.

Total precipitation, midnight to midnight, .25 inches.

Character of day, Cloudy Moon phase, ———

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind, 170

Average hourly velocity, 7.1 Extreme velocity, 13

Maximum velocity, 13 Direction, SW

Time began, 9:52 a.m.

Reduced barometer, 29.88 7 a. m. 29.91 7 p. m.

River gage, 1.0 fea

Relative humidity, 64 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

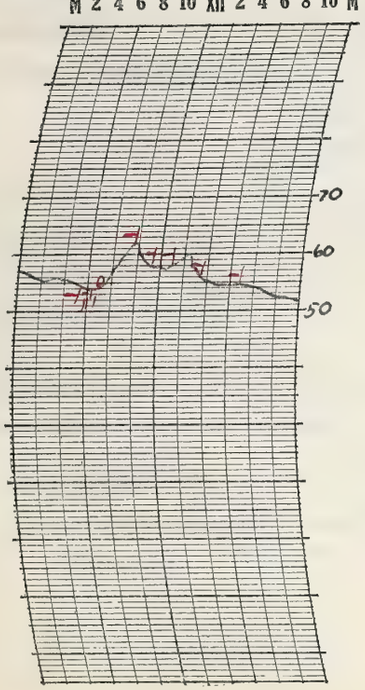
Dry temperature, 56.9 Wet temperature, 55.2

Dew-point, 54 R. humidity, 90 V. pressure, .417

Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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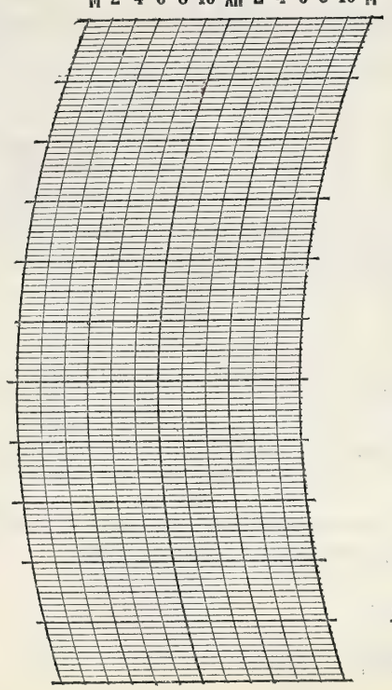
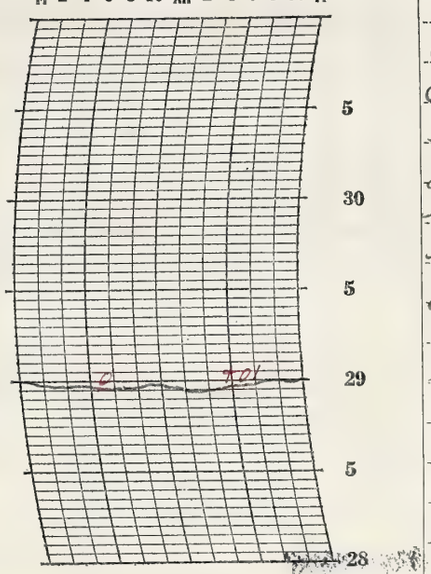


BAROGRAPH.



Prepared by [signature]

Verified by E.L.H.

8—486

NOTES

Mostly cloudy in early morning (high clouds). A steady rain began at 10:25 a.m. and continued throughout the day and night. Very light at times and quite heavy at other times. The visibility became very poor by noon and remained poor until midnight. At 3:00 p.m. the visibility was ¼ mile and the ceiling 500 feet. The streets were very slippery from 10:35 a.m. on. The streets were covered with leaves and when they became wet they were very slippery and dangerous. E.L.H.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 21 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	50	49	49	49	49	49	50	50	50	51
State of weather: Nature of precipitation and time of beginning and ending	R cont						RE 6:35	RB 7:05				
Amounts of precipitation	02	04	02	01	02	03	01	T	.01	T	.01	02
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 5:59 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	4	4	5	3	5	5	5	6	6	6	5	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	52	51	51	49	48	48	47	47	46	47
State of weather: Nature of precipitation and time of beginning and ending												R cont
Amounts of precipitation	01	01	02	02	03	04	04	03	05	03	03	04
Cloudiness and other conditions	Cloudy											
Sunset: Time, 4:52 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	6	7	8	9	9	10	12	13	14	12	13	13

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

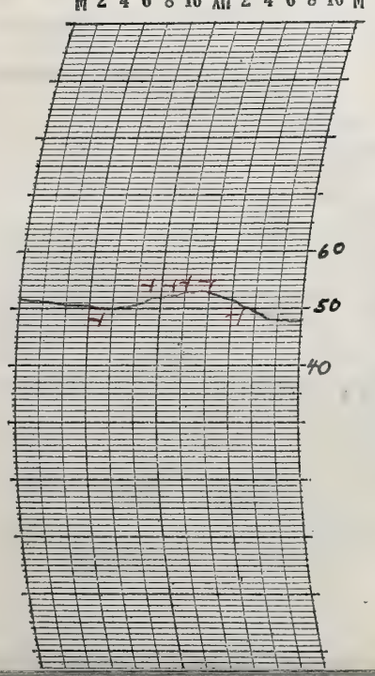
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	46	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.20 ins.; to 7 p. m., 0.34 ins.
Total precipitation, midnight to midnight, 0.54 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 185
Average hourly velocity, 7.7 Extreme velocity, 20
Maximum velocity, 18 Direction, N
Time began, 8:36 p.m.
Reduced barometer, 29.92 7 a. m. 29.84 7 p. m.
River gage, 1.2 feet
Relative humidity, 94 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.9 Wet temperature, 49.2
Dew-point, 48 R. humidity, 89 V. pressure, .334
Clouds: Amount, 10; Kind, st.; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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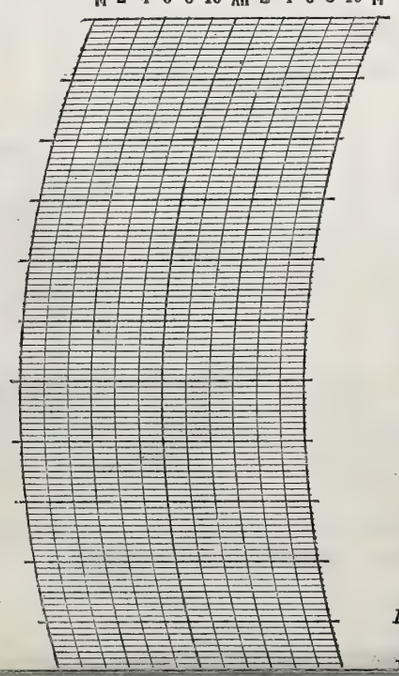
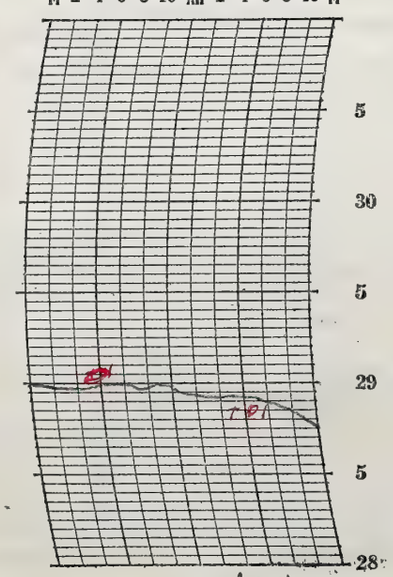


BAROGRAPH.



Prepared by

Verified by

NOTES

The steady rain that began Sunday continued until there was a light let-up between 6:35 A.M. and 7:05 A.M. Streets continued slippery and visibility was poor throughout the day and night. The storm moved in from the south. Thermometers were wet at the P.M. observation.

Frost warnings received for "possibly light frost"

Form No. 1014—Met'l

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 22 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	46	46	45	45	45	45	46	46	47	47	46	46	45	44	43	42	42	42	39	37	36
State of weather: Nature of precipitation and time of beginning and ending	R cont																							R cont
Amounts of precipitation	.10	.12	.08	.11	.05	.02	.01	T	T	.01	T	T	T	T	.04	.11	.12	.16	.10	.06	.11	.09	.04	T
Cloudiness and other conditions	Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	W	W	W	W	W	W	SW	SW	SW
Wind movement	14	14	15	14	15	12	13	13	12	12	12	11	10	11	10	12	12	14	15	16	11	16	18	20

Sunrise: Time, 6:00 Character, Cloudy

Moonrise: ---

Sunset: Time, 4:51 Character, Cloudy

Moonset: ---

Maximum velocities (exceeding 2 miles) direction and time ---

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts ---

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.67 ins.; to 7 p. m., 0.54 ins.

Total precipitation, midnight to midnight, 1.33 inches.

Character of day, Cloudy Moon phase, ---

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 0

Prevailing wind direction, N Total wind, 322

Average hourly velocity, 13.4 Extreme velocity, 23

Maximum velocity, 22 Direction, W

Time began, 11:10 p.m.

Reduced barometer, 29.48 7 a. m. 29.34 7 p. m.

River gage, 1.7 feet

Relative humidity, 100 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

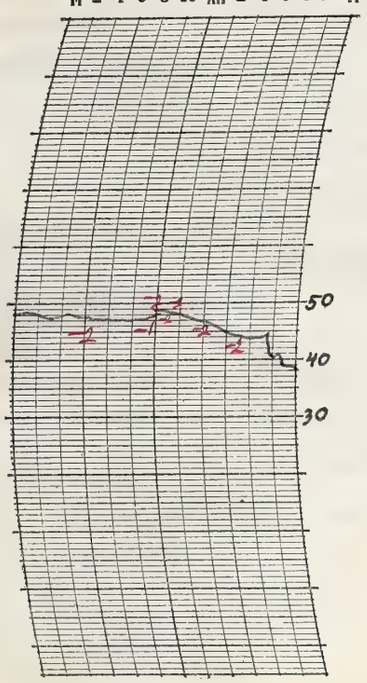
Dry temperature, 46.9 Wet temperature, 46.2

Dew-point, 46 R. humidity, 95 V. pressure, .310

Clouds: Amount, 10; Kind, St; Direction, N

Velocity of clouds (miles per hour) ---

THERMOGRAPH



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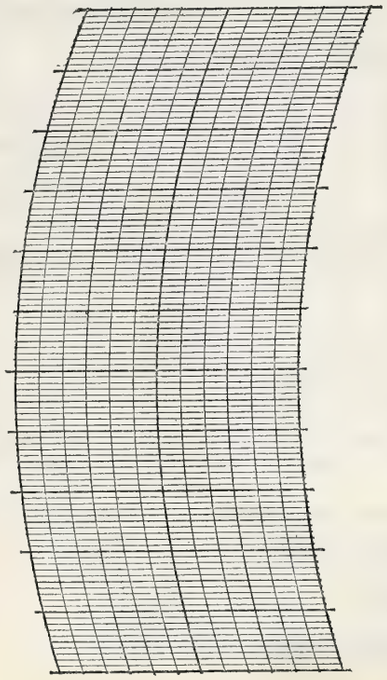

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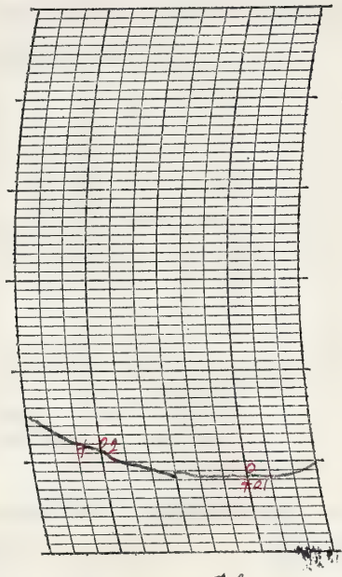


Prepared by [signature]

Verified by E.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	34	34	34	34	34	34	34	34	35
						RE 5:40 SMB 5:40						SME 11:35
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.01	.01	.02	T	T	.01	←		.06		→
Cloudiness and other conditions	←											→
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	18	20	21	23	22	20	18	17	18	18	18	20
Maximum velocities (exceeding 2.1 miles) direction and time			25 SW 2:32	25 SW 3:11								

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	33	32	33	33	33	32	33	33	33
	SMB 12:55	SME 1:50p		SMB 3:00		SME 5:45			SMB 8:00			SM cont
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	←			.02				×			.03	→
Cloudiness and other conditions	←											→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	23	23	22	22	22	22	20	19	19	20	16	16
Maximum velocities (exceeding 2.1 miles) direction and time	27 SW 12:30	29 SW 1:53	25 SW 2:11	25 SW 3:34	26 SW 4:09	29 SW 5:22						

Cloudy

Sunrise: Time, 6:02 Character, Cloudy

Moonrise:

Sunset: Time, 4:49 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	32	34	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 1.1 inches.
Precipitation to 7 a. m. .35 ins.; to 7 p. m., 0.8 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 477
Average hourly velocity, 19.9 Extreme velocity, 37
Maximum velocity, 29 Direction, SW
Time began, 1:53 p.m.
Reduced barometer, 29.55 7 a. m. 29.73 7 p. m.
River gage, 8.0 feet
Relative humidity, 81 7 a. m. 89 7 p. m.

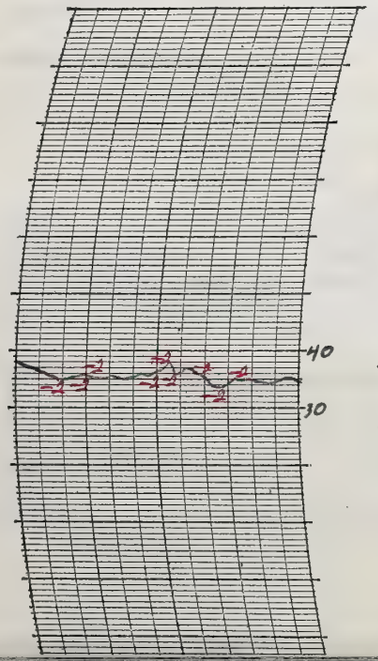
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 34.8 Wet temperature, 34.1
Dew-point, 33 R. humidity, 93 V. pressure, .187
Clouds: Amount, 10; Kind, st cu; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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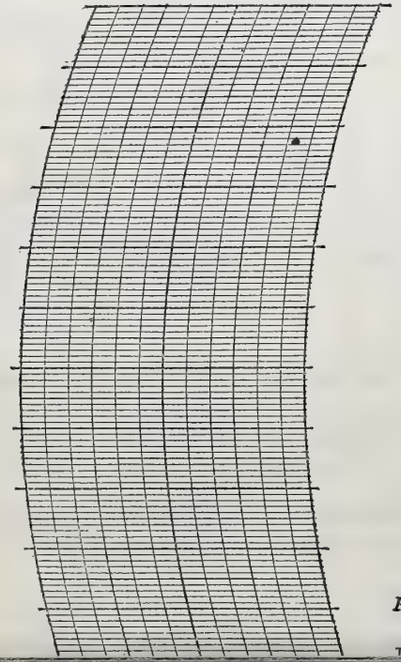
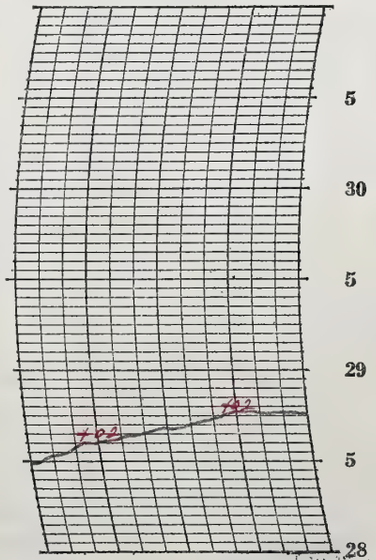


BAROGRAPH.



Prepared by

Verified by

NOTES

The rain continued from the 22nd and ended at 5:40 a.m. when moist snow began. Snow flurries continued throughout the day and at night. The temperature dropped during the afternoon to 32° above zero, the coldest so far this fall. Conditions were unfavorable for flying and poor for driving.

Tipping bucket removed 6:40 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 24 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	34	34	35	35	36	38	39	40	40	42	42	41	41	40	40	39	39	40	37	36
State of weather: Nature of precipitation and time of beginning and ending	SM cont		SM DN2																			RE DNP		
Amounts of precipitation	←	.03	—										←			T	—	—	—	×	.01	—		
Cloudiness and other conditions	←									Cloudy			←										Cldy	Cldy

Sunrise: Time, 6:03 Character, Cloudy

Moonrise: ____ ____

Sunset: Time, 4:48 Character, Cloudy

Moonset: ____ ____

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	W	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	15	18	16	14	14	11	10	11	11	11	10	12	11	12	13	13	13	12	13	11	10	9	8	8

Maximum velocities (exceeding ____ miles) direction and time 24

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	33	37	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0.6 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 286

Average hourly velocity, 11.9 Extreme velocity, 21

Maximum velocity, 20 Direction, SW

Time began, 1:20 a.m.

Reduced barometer, 29.76 7 a. m. 29.91 7 p. m.

River gage, 10.0 feet

Relative humidity, 96 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

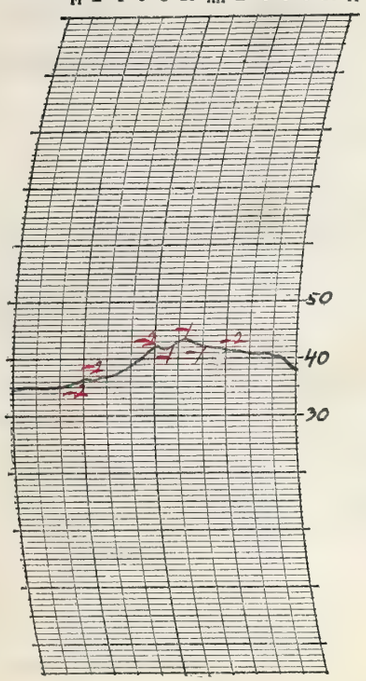
Dry temperature, 40.2 Wet temperature, 39.9

Dew-point, 40 R. humidity, 98 V. pressure, .247

Clouds: Amount, 10; Kind, st; Direction, W

Velocity of clouds (miles per hour) ____

THERMOGRAPH



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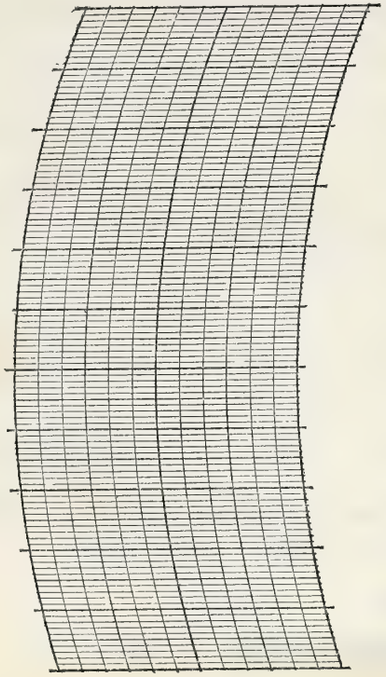
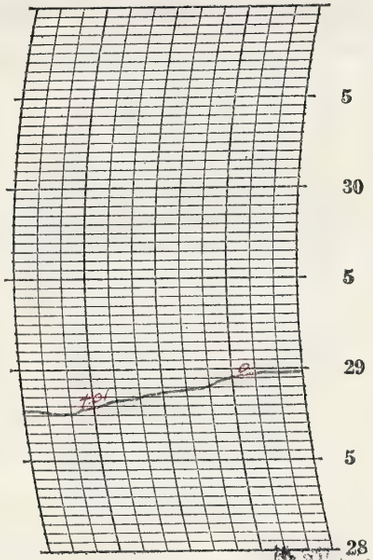


BAROGRAPH.



Prepared by EJ

Verified by EPA

8—486

NOTES

Snow flurries continued from the 23rd but ended DN.A. The morning was cloudy, cold and threatening. A light rain began at 11:15 AM and continued into the night ending sometime before 10:30 pm. The mist formed on windshield and it was very bad driving nearly all afternoon and in the evening.

Frost warning received "heavy frost tonight if sky clears"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 25 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	33	33	32	33	35	40	45	51	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					<Clear			X Cldy	X			
Sunshine (in tenths of hours)							0.93 0	0.4 0.4	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	8	7	8	9	7	8	9	11	12	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	57	57	57	54	51	49	48	47	46	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.77 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	14	14	12	11	13	13	17	14	12	12	15

Sunrise: Time, 6:04 Character, Clear

Moonrise:

Sunset: Time, 4:46 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
57	32	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.5 Possible sunshine, hours, 10.7

Per cent of possible sunshine, 98

Prevailing wind direction, SW Total wind, 270

Average hourly velocity, 11.2 Extreme velocity, 20

Maximum velocity, 20 Direction, SW

Time began, 7:34 pm

Reduced barometer, 29.96 7 a. m., 29.84 7 p. m.

River gage, 9.3 feet

Relative humidity, 85 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

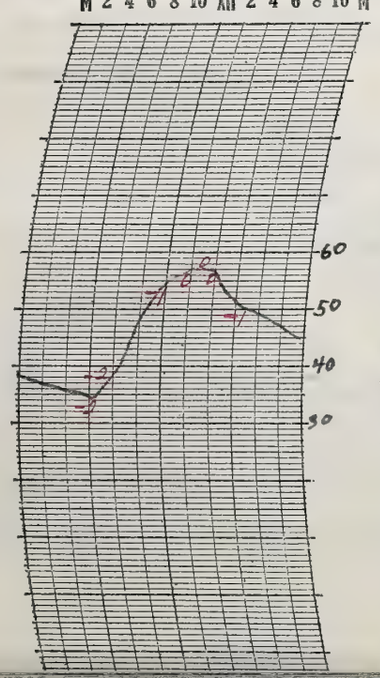
Dry temperature, 53.1 Wet temperature, 41.3

Dew-point, 25 R. humidity, 33 V. pressure, .130

Clouds: Amount, 2; Kind, cirst; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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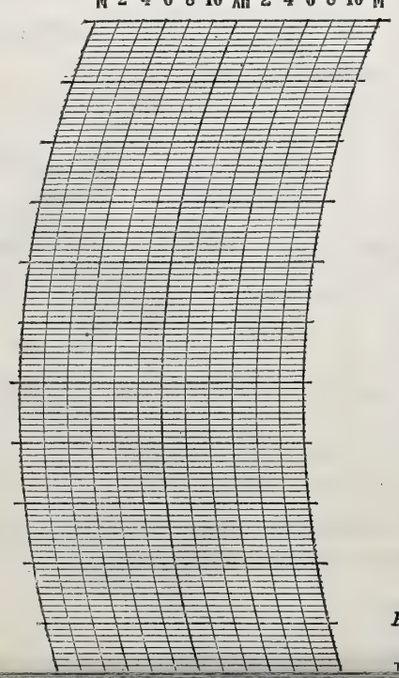
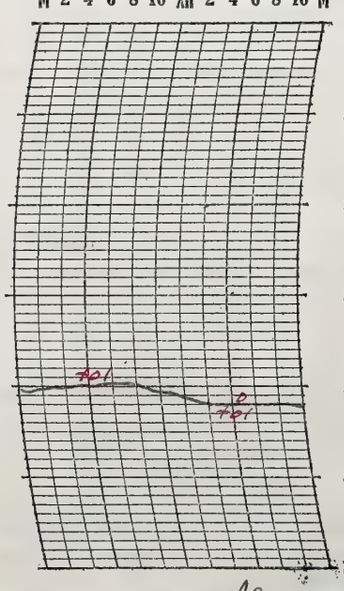


BAROGRAPH.



Prepared by

Verified by

NOTES

A clear cold frosty morning. The day continued mostly clear, with a few high clouds. The sun shone all day. This is the first sunshine since Saturday October 19th

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) Oct 26 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	42	42	42	43	44	47	51	56	58	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear →											
Sunshine (in tenths of hours)							0.92 0	0.2 0.7	1.0	1.0	1.0	1.0
Wind direction	13	13	15	13	15	14	15	16	14	13	12	15
Wind movement	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW

Sunrise: Time, 6:05 Character, Clear
Moonrise: ____ ____

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	68	68	67	64	62	58	57	57	55	54	54
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.75 0							
Wind direction	16	18	16	15	14	12	10	12	16	13	12	18
Wind movement	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW

Sunset: Time, 4:45 Character, ____
Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time: 25 SW 1:19

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

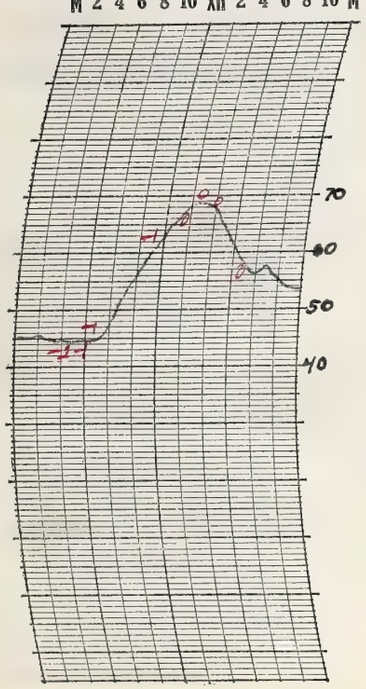
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	42	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 10.6 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind, 345
Average hourly velocity, 14.4 Extreme velocity, 26
Maximum velocity, 25 Direction, SW
Time began, 1:19 p. m.
Reduced barometer, 29.80 7 a. m. 29.72 7 p. m.
River gage, 7.8 feet
Relative humidity, 68 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.8 Wet temperature, 53.8
Dew-point, 48 R. humidity, 60 V. pressure, .334
Clouds: Amount, 3; Kind, cirr; Direction, W
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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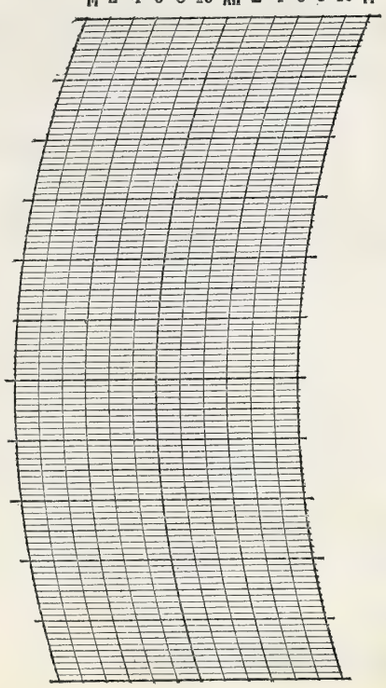
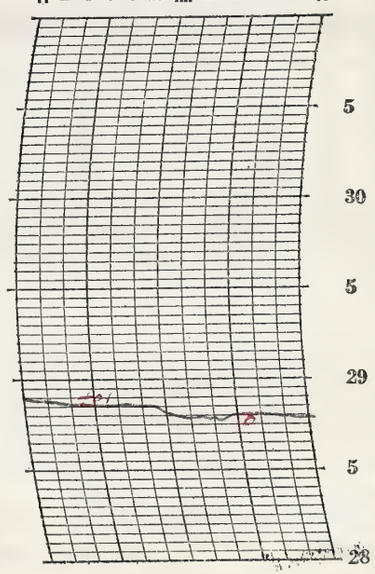


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A clear beautiful day. Sun shone through a few high clouds during the afternoon.
Tipping bucket inserted 6:45 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 27 1929, 192

Time (local standard) ____ mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	53	52	51	51	51	50	52	55	57	58	59	59	59	59	56	53	50	48	46	45	44	43	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Clear													→
Sunshine (in tenths of hours)							0.90 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0							
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	18	13	14	14	13	12	9	9	11	13	13	12	12	13	12	11	9	8	8	7	7	6	7	7
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6:06 Character, Clear
Moonrise:
Sunset: Time, 4:44 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

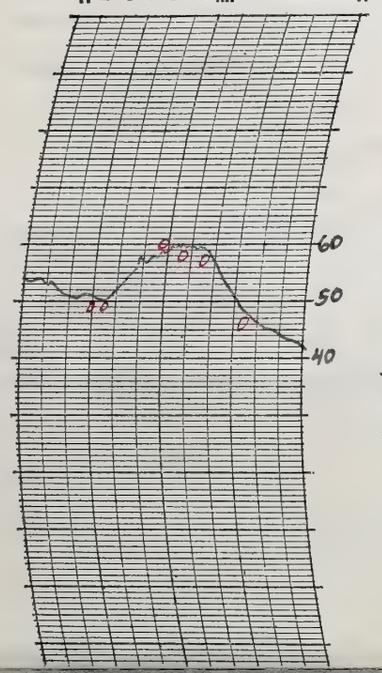
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.6 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 258
Average hourly velocity, 10.8 Extreme velocity, 20
Maximum velocity, 20 Direction, SW
Time began, 12:19 a. m.
Reduced barometer, 29.74 7 a. m., 30.04 7 p. m.
River gage, 6.8 feet
Relative humidity, 69 7 a. m., 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 59.2 Wet temperature, 48.7
Dew-point, 38 R. humidity, 45 V. pressure, .228
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

THERMOGRAPH



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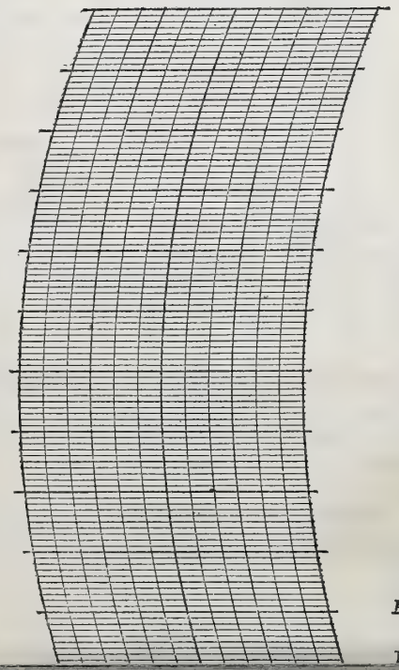
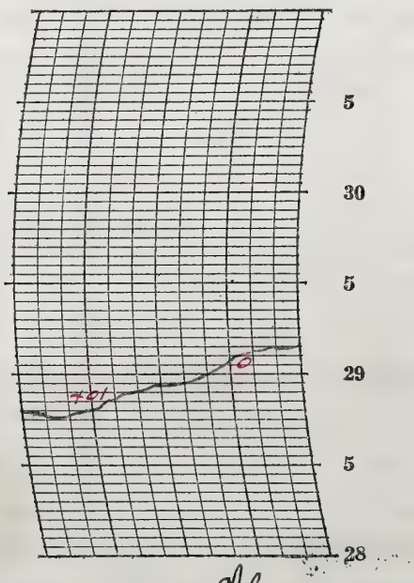


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

A clear, beautiful day. Only a few clouds and they occurred in the early A. M. Moderate temperature. Frost warning received "probably light frost"

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 28 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	36	36	35	34	35	37	39	43	44	45	45	44	43	42	41	41	41	41	40	40	40	40
																					RB 8.45	RE 9:15		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																					T	T		
Cloudiness and other conditions						← Clear	Partly	X					Cloudy											→
Sunshine (in tenths of hours)							0.88 0	0.5 0	0	0	0	0	0	0	0	0	0							
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	9	8	8	7	9	10	13	11	12	13	15	16	17	17	14	17	12	16	17	15	13	15	15

Sunrise: Time, 6:07 Character, Clear
Moonrise:
Sunset: Time, 4:42 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

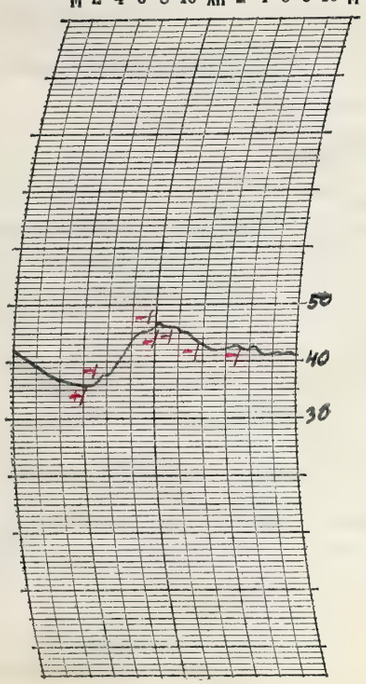
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	34	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.4 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 13
Prevailing wind direction, NE Total wind, 307
Average hourly velocity, 12.8 Extreme velocity, 24
Maximum velocity, 22 Direction, NE
Time began, 1:26 p.m.
Reduced barometer, 30.20 7 a. m. 30.16 7 p. m.
River gage, 5.8 fall
Relative humidity, 89 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.1 Wet temperature, 43.2
Dew-point, 41 R. humidity, 87 V. pressure, .256
Clouds: Amount, 10; Kind, stcu Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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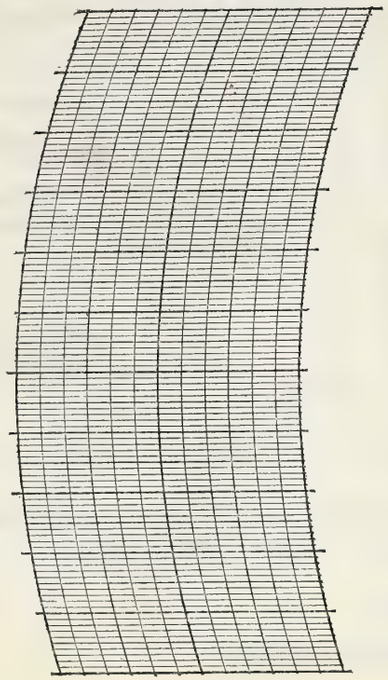
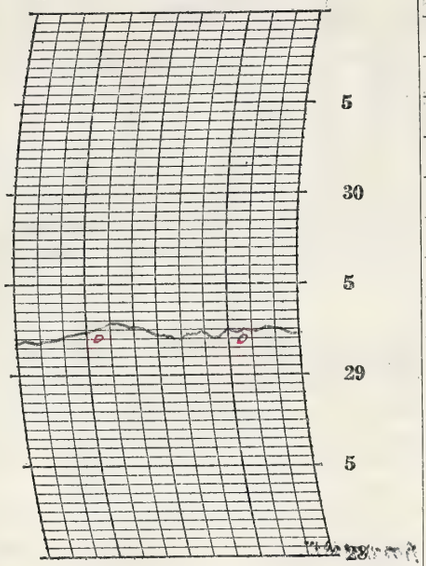


BAROGRAPH.



Prepared by
Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 29 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	43	42	42	41	40	39	39	39	40	40	41
State of weather: Nature of precipitation and time of beginning and ending		1	RB DN2	RE DN2							RB 10:05 RE 10:30	
Amounts of precipitation			T	T							T	
Cloudiness and other conditions						←					Cloudy	
Sunrise: Time, 6:09 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	11	15	12	16	14	12	13	11	13	11	12	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	42	42	43	43	44	45	45	45	46	47
State of weather: Nature of precipitation and time of beginning and ending			RB 2:30	RE 3:30		RB 5:45	RE 6:10					
Amounts of precipitation			T	T		T	T					
Cloudiness and other conditions												→
Sunset: Time, 4:41 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	9	9	10	8	8	9	6	6	5	5	5

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

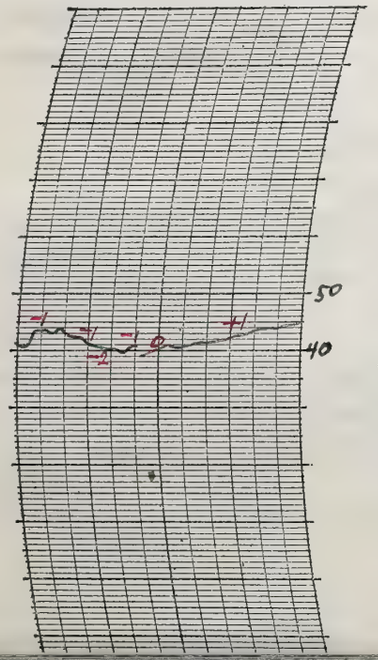
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	39	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 242
Average hourly velocity, 10.1 Extreme velocity, 21
Maximum velocity, 20 Direction, E
Time began, 3:44 2 m.
Reduced barometer, 30.16 7 a. m. 30.13 7 p. m.
River gage, 4.5 feet
Relative humidity, 84 7 a. m. 95 7 p. m.

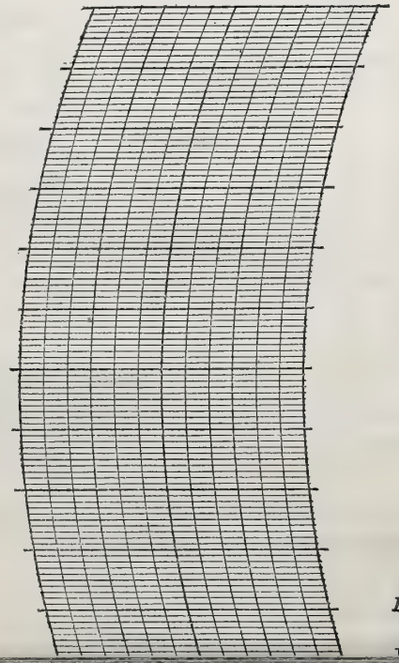
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 40.5
Dew-point, 40 R. humidity, 96 V. pressure, .247
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

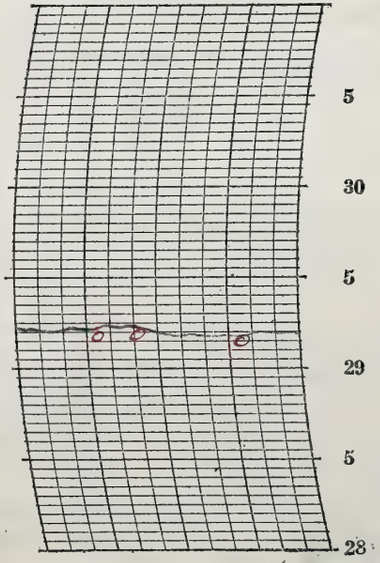
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Cloudy days with some mist at times visibility poor. Streets and sidewalks were slippery much of the day and at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 30 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	48	50	51	51	52	52	53	54	57	58	58	58	58	59	59	58	58	57	57	57	58	58
					RB DN2		RE 6:30													RB 7:30		RE 10:00		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					T	T	T													T	T	01		
Cloudiness and other conditions				Dense Fog					Lt Fog				Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	E	E	SE	SE	SE	E	E	E	E	E	E	SE	SE	SE
Wind movement	3	3	3	3	3	4	3	3	3	3	3	4	5	4	3	4	3	4	4	3	4	5	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:10 Character, Foggy
Moonrise:
Sunset: Time, 4:40 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

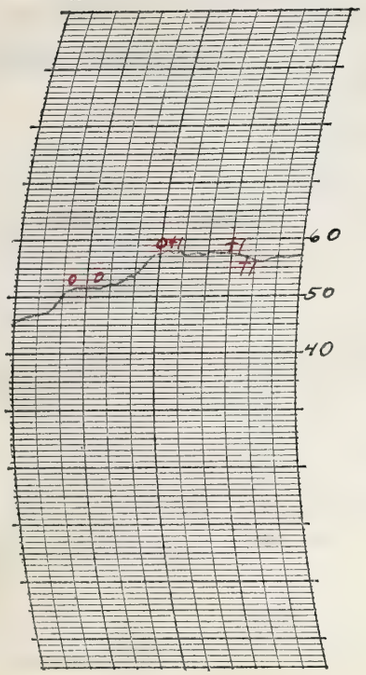
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	47	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 87
Average hourly velocity, 3.6 Extreme velocity, 6
Maximum velocity, 6 Direction, SE
Time began, 11.25 p.m.
Reduced barometer, 30.14 7 a. m. 30.18 7 p. m.
River gage, 3.5 feet
Relative humidity, 100 7 a. m. 95 7 p. m.

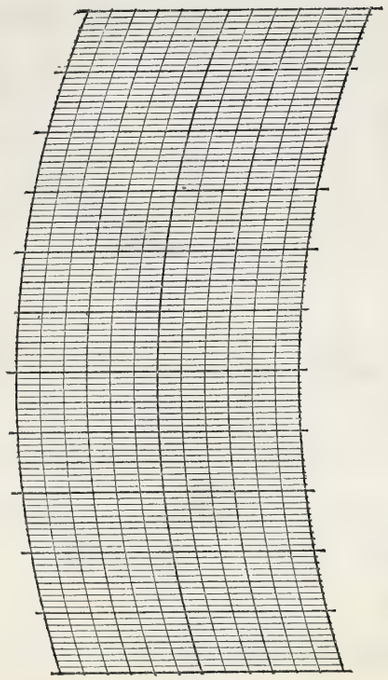
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 56.8
Dew-point, 56 R. humidity, 93 V. pressure, .448
Clouds: Amount, 10; Kind, stu; Direction, SE
Velocity of clouds (miles per hour)

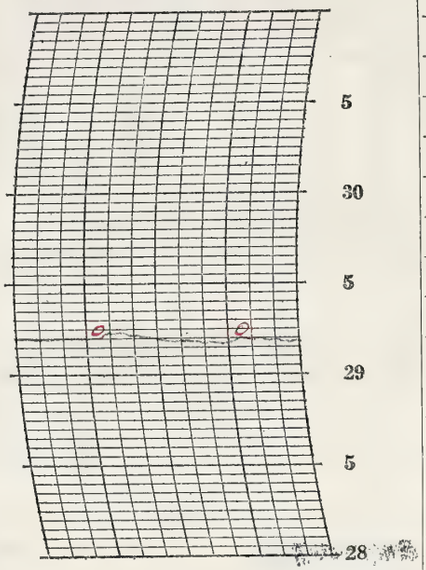
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by OJ
Verified by E.L.H.

8—486

NOTES

Dense fog began DN2 ended 7:30 a
Light fog began 7:30 a ended 9:10 a.
A cloudy, misty morning. Dense fog began during the night a.m. and if along with a fine mist that fell between 5:00 a.m. and 6:30 a.m. made it very hard to see and streets were very slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 31 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	58	59	59	60	61	61	62	62	63
Nature of precipitation and time of beginning and ending									RB 8:15			
Amounts of precipitation									.01	.01	.05	.05
Cloudiness and other conditions				? Dense Fog			2:15 Fog				Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	6	7	5	6	6	7	7	7	8	10	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	64	65	64	63	64	64	65	65	64	64
Nature of precipitation and time of beginning and ending		RE 1:50	RB 2:55				RE 6:25	RB 7:00 RE 7:15			RB 10:25	R Cont
Amounts of precipitation	.07	T	T	.02	.04	T	T	T			.01	T
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	SE	SE	S	S	S	S	S	S
Wind movement	12	12	13	10	10	11	12	13	14	15	15	13

Sunrise: Time, 6:11 Character, Foggy
Moonrise:

Sunset: Time, 4:38 Character, Cloudy
Moonset:

Maximum velocities (exceeding 44 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

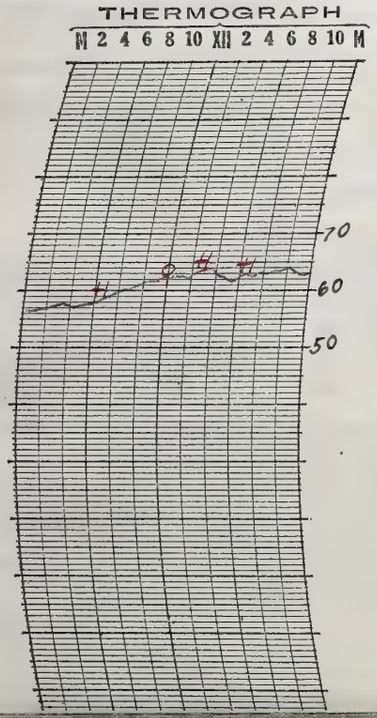
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	58	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .25 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 238
Average hourly velocity, 9.9 Extreme velocity, 20
Maximum velocity, 18 Direction, S
Time began, 10:15 pm
Reduced barometer, 30.07 7 a. m. 29.99 7 p. m.
River gage, 3.2 feet
Relative humidity, 100 7 a. m. 91 7 p. m.

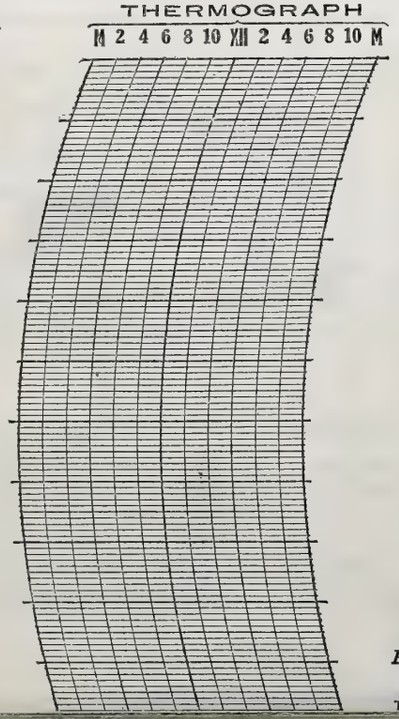
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 63.4 Wet temperature, 62.4
Dew-point, 61 R. humidity, 95 V. pressure, .536
Clouds: Amount, 5; Kind, St Cu; Direction, S
Velocity of clouds (miles per hour)

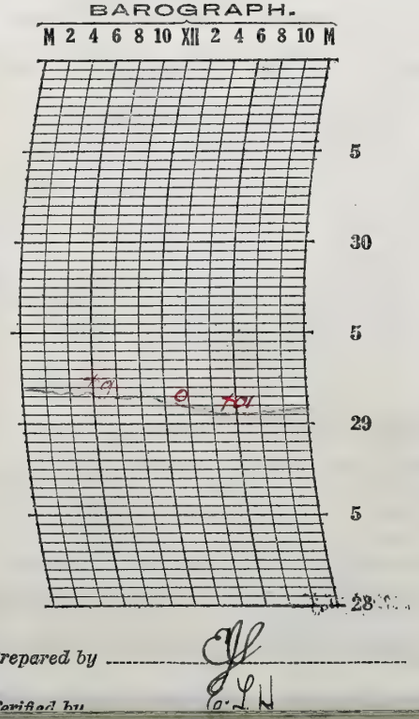
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

a dense fog began DN 2 and ended 6:20 2m
a light fog began 6:20 2 and ended 9:00 2m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	60	57	55	55	54	54	54	53	52
Nature of precipitation and time of beginning and ending	R Cont											
Amounts of precipitation	T	T	T	.01	T	.01	.06	.17	.01	T	.06	.16
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 6:12 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	W	NW	NW	W	W	W	W	W	W
Wind movement	14	13	11	8	6	4	3	5	6	4	4	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	47	49	49	48	48	48	47	47	46
Nature of precipitation and time of beginning and ending						RE 5:30						
Amounts of precipitation	.10	.04	.08	.06	.01	.01						
Cloudiness and other conditions	Cloudy											
Sunset: Time, 4:32 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	NW	NW	W	W	W	W	W	W	W	W
Wind movement	9	9	6	4	5	5	7	5	6	7	6	6

State of weather.

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., .71 ins.

Total precipitation, midnight to midnight, 0.78 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 159

Average hourly velocity, 6.6 Extreme velocity, 17

Maximum velocity, 16 Direction, S

Time began, 12:19 a m

Reduced barometer, 30.08 7 a. m. 30.10 7 p. m.

River gage, 3.0 feet

Relative humidity, 100 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

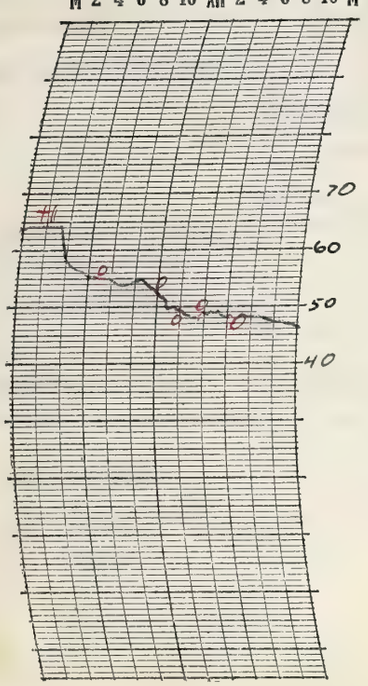
Dry temperature, 51.8 Wet temperature, 51.8

Dew-point, 52 R. humidity, 100 V. pressure, .387

Clouds: Amount, 10; Kind, Nb; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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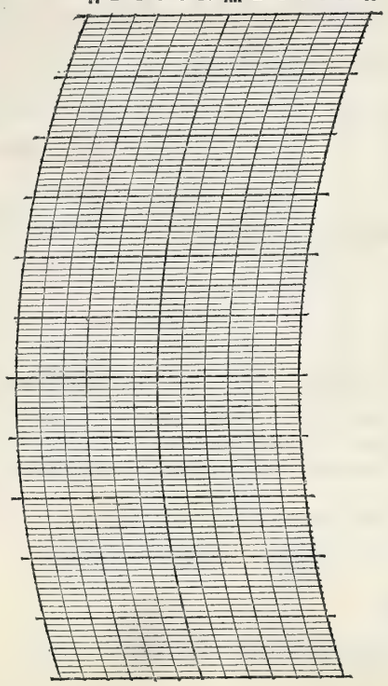
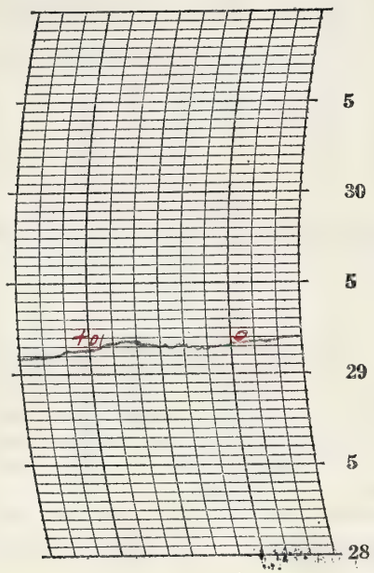


BAROGRAPH.



Prepared by EMS.

Verified by E.L.H.

NOTES

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	44	43	43	43	42	42	42	44	46	47	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←				Cloudy		
Sunshine (in tenths of hours)							0	0	0.2	0	0.1	0.3
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	7	7	6	5	4	6	4	5	4	4	4
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	52	52	50	49	49	48	48	48	47	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			X Pt	Clr X	Clear	X Pt	Cldy					→
Sunshine (in tenths of hours)	1.0	0.8	1.0	0.4	0							
Wind direction	SW	S	S	S	S	S	S	S	S	S	SW	S
Wind movement	4	6	5	5	6	4	4	4	4	4	4	4
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 6:13 Character, Cloudy
Moonrise:

Sunset: Time, 4:36 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

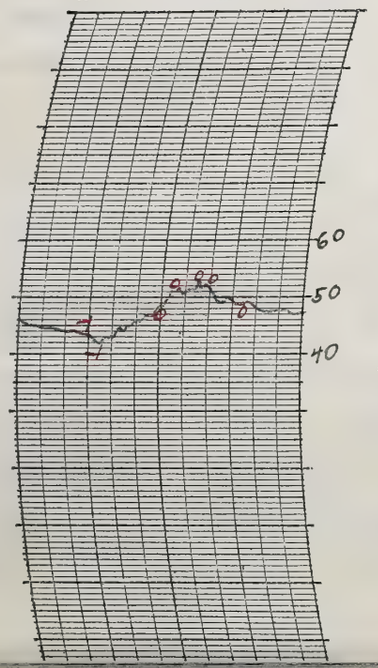
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.4 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 42
Prevailing wind direction, W Total wind, 116
Average hourly velocity, 4.8 Extreme velocity, 8
Maximum velocity, 8 Direction, W
Time began, 1:33 a. m.
Reduced barometer, 30.17 7 a. m. 30.08 7 p. m.
River gage, 8.3 feet
Relative humidity, 88 7 a. m. 60 7 p. m.

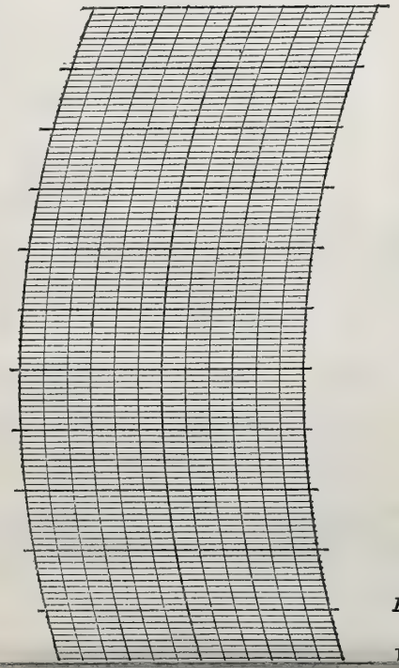
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.3 Wet temperature, 42.8
Dew-point, 36 R. humidity, 63 V. pressure, .211
Clouds: Amount, 3 5 2 cu 5 sc; Kind, Direction, SW
Velocity of clouds (miles per hour)

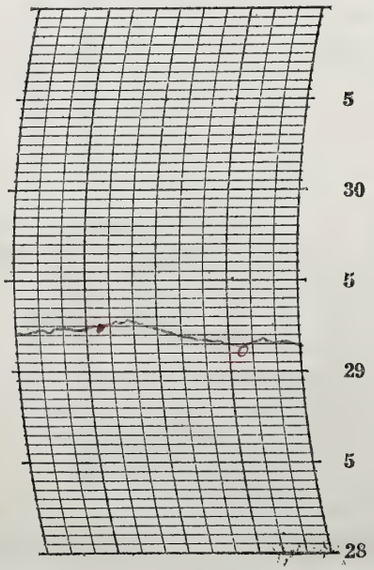
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 3 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	43	42	41	41	44	48	51	52	53	53	53	53	52	51	50	50	48	47	46	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						< Clear				X		Pt Cldy		X		Cloudy								>
Sunshine (in tenths of hours)							0	0.6	0.5	1.0	1.0	1.0	0.6	0.3	0	0	0							
Wind direction	S	SW	SW	S	S	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W
Wind movement	4	3	4	4	6	5	6	6	7	7	9	11	10	12	10	8	7	7	9	9	8	8	8	7
Maximum velocities (exceeding 2[illegible] miles) direction and time																								

Sunrise: Time, 6:15 Character, Cloudy
Moonrise:

Sunset: Time, 4:35 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

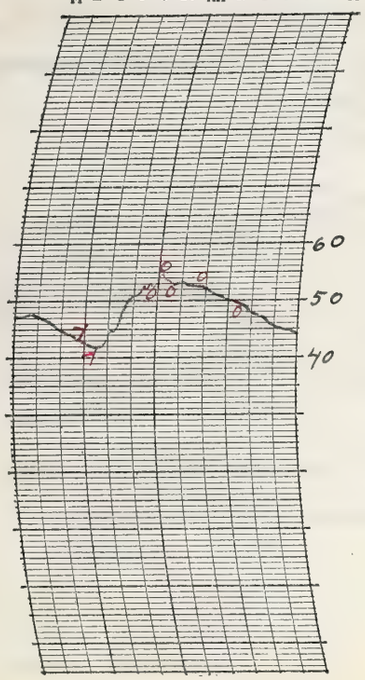
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	40	47	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.0 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 49
Prevailing wind direction, SW Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 1:44 p.m.
Reduced barometer, 30.08 7 a. m., 30.06 7 p. m.
River gage, 9.7 feet
Relative humidity, 87 7 a. m. 75 7 p. m.

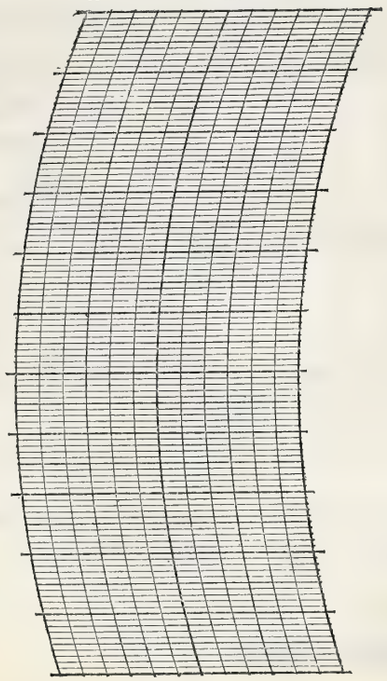
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 46.2
Dew-point, 39 R. humidity, 58 V. pressure, .237
Clouds: Amount, 3 2 Kind, Cu Direction, NW
Velocity of clouds (miles per hour)

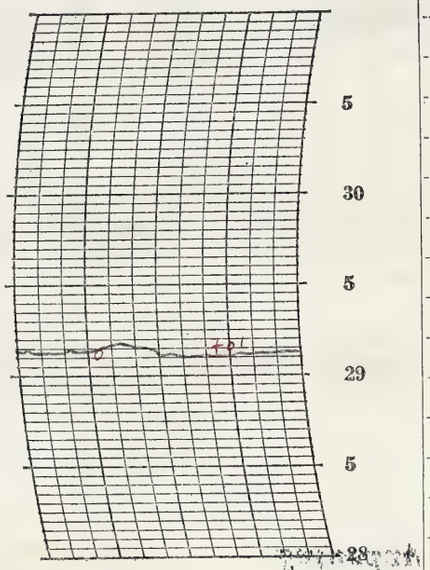
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 4 1920, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	38	38	38	37	35	36	39	38	40	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear			Pt Cldy		
Sunshine (in tenths of hours)							0.5 0	0.6 0.4	1.0	0.6	0	0
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	7	7	7	7	9	9	9	10	14	16	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	39	39	39	39	39	39	38	38	37	37
State of weather: Nature of precipitation and time of beginning and ending		RB 1:50 RE 3:00	SMB 2:45	SME 4:00		RB 5:50	RE 6.05					
Amounts of precipitation		T	T	T		T	T					
Cloudiness and other conditions				Cloudy								
Sunshine (in tenths of hours)	0.2	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	16	12	16	14	11	12	8	8	7	8	7	6

Sunrise: Time, 6:16 Character, Hazy
Moonrise:

Sunset: Time, 4:34 Character, Cloudy
Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

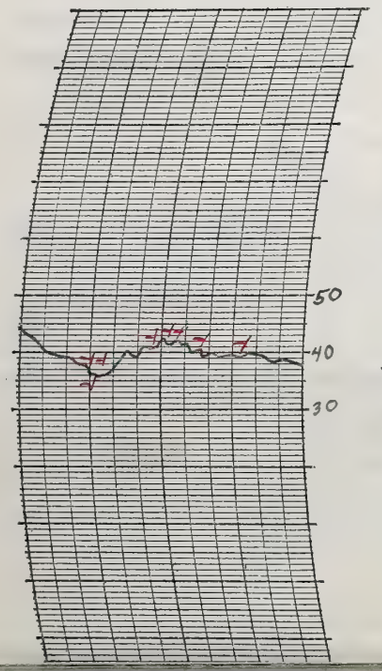
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	35	~~39~~ 40	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 3.3 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 32
Prevailing wind direction, W Total wind, 248
Average hourly velocity, 10.3 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 8:52 2 m.
Reduced barometer, 30.10 7 a. m. 30.28 7 p. m.
River gage, 9.7 feet
Relative humidity, 82 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 39.8 Wet temperature, 37.8
Dew-point, 35 R. humidity, 84 V. pressure, .203
Clouds: Amount, 8; Kind, strat; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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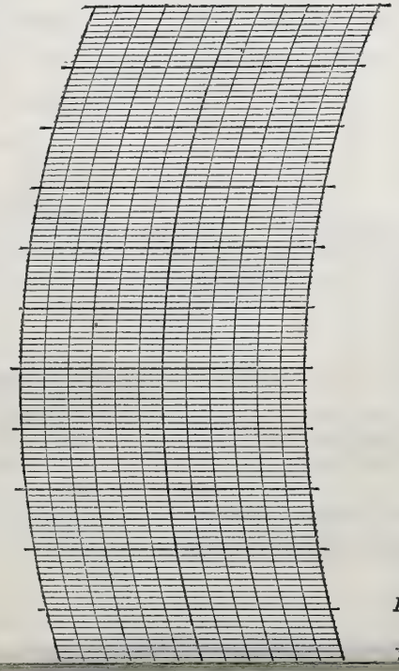
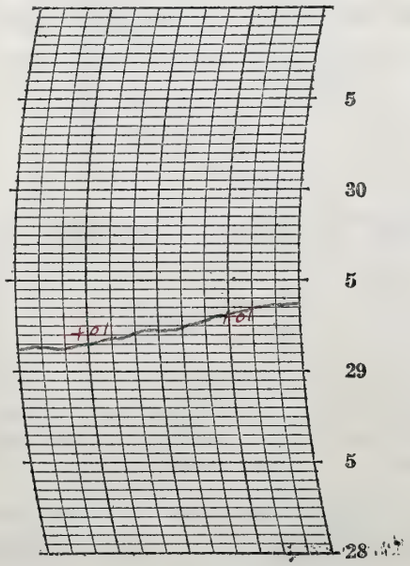


BAROGRAPH.



Prepared by O.J.
Verified by E.J.H.

NOTES

Light haze in early morning

Form No. 1014—Met'l

Verified by _____ C.S.R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 5 1929, 192

Time (local standard) 90 mer. normal time. 1

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	33	30	30	30	30	30	35	39	41	42	43	46	47	47	46	44	42	41	40	40	40	39	38
State of weather: Nature of precipitation and time of beginning and ending			RB DN2 RE DN2																					
Amounts of precipitation			T																					
Cloudiness and other conditions	Clear																							
Sunshine (in tenths of hours)							0.3 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	0.59 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	5	5	8	9	9	8	7	7	9	12	13	15	17	14	19	14	11	11	11	12	13	11	11	12
Maximum velocities (exceeding ____ miles) direction and time																								

Sunrise: Time, 6:17 Character, Hazy
Moonrise: ____ ____
Sunset: Time, 4:32 Character, Clear
Moonset: ____ ____

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

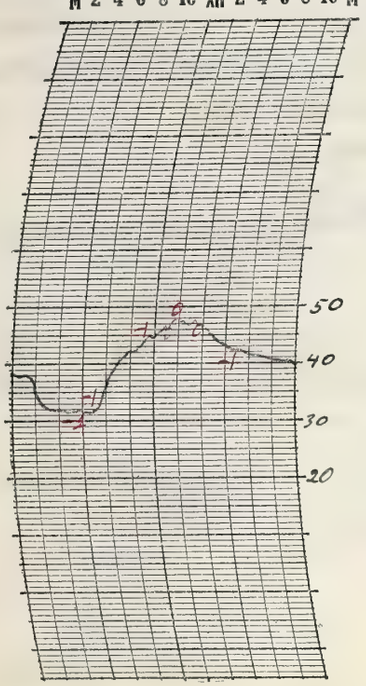
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	29	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.8 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 96
Prevailing wind direction, SW Total wind, 263
Average hourly velocity, 11.0 Extreme velocity, 24
Maximum velocity, 21 Direction, SW
Time began, 2:19 p m
Reduced barometer, 30.36 7 a. m. 30.10 7 p. m.
River gage, 8.0 feet
Relative humidity, 79 7 a. m. 66 7 p. m.

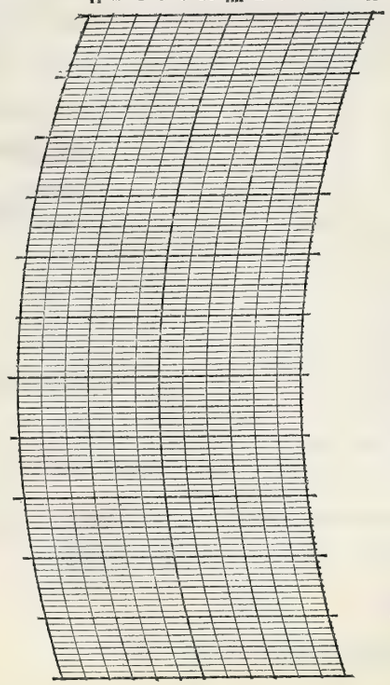
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.1 Wet temperature, 37.1
Dew-point, 29 R. humidity, 50 V. pressure, 157
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour) ____

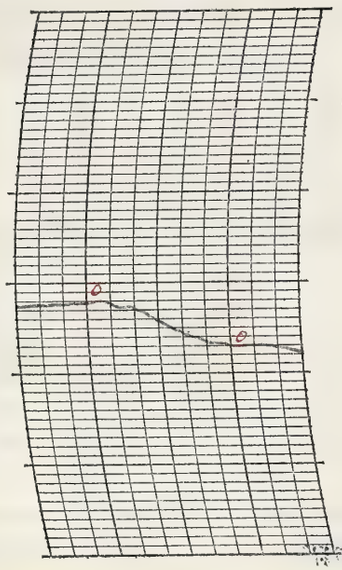
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.M.
Verified by E.L.H.

8—486

NOTES

Light haze in early morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 6 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	36	35	35	34	34	34	37	41	43	45	46	48	49	47	46	43	41	39	37	36	36	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					Clear							X pcldy X			Clear			→	
Sunrise: Time, 6:18 Character, Hazy																					Sunset: Time, 4:31 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0.4 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.5? 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	N	N	N	N	N
Wind movement	14	13	12	11	11	9	10	7	6	7	7	8	9	9	7	8	8	6	7	6	5	5	4	4
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	34	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.9 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 97
Prevailing wind direction, SW Total wind, 195
Average hourly velocity, 8.1 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 12:47 a.m.
Reduced barometer, 30.10 7 a. m. 30.21 7 p. m.
River gage, 5.0 feet
Relative humidity, 84 7 a. m. 69 7 p. m.

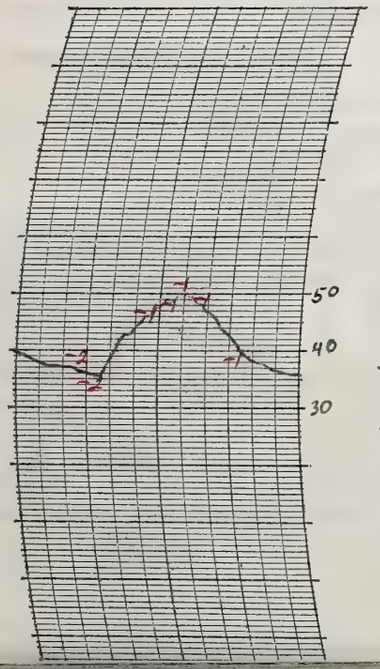
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 46.2 Wet temperature, 40.7
Dew-point, 34 R. humidity, 62 V. pressure, .195
Clouds: Amount, 3; Kind, ci cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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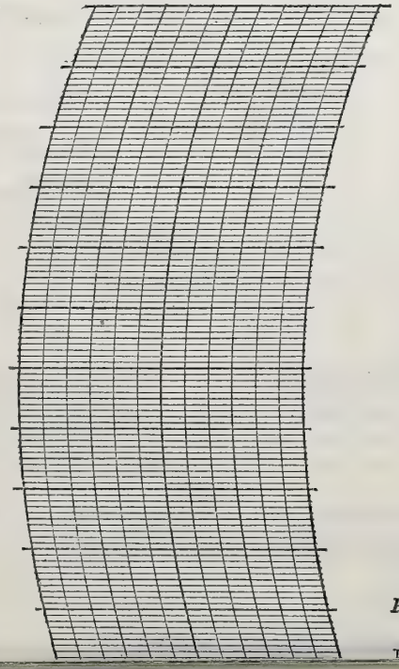
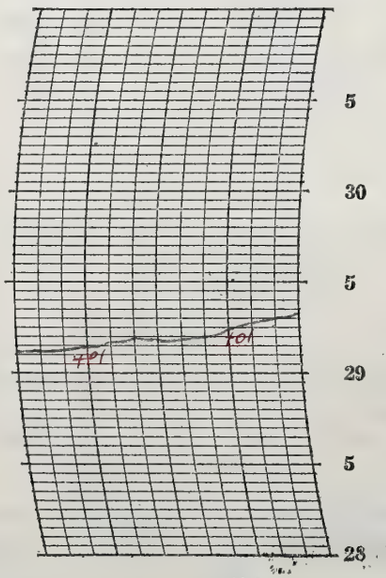


BAROGRAPH.



Prepared by

Verified by

NOTES

Lt haze in early morning

Form No. 1014—Met'l

Verified by E. L. H.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) NOV 7 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	32	32	32	33	33	35	38	40	42	43	44	44	45	45	44	41	40	38	37	36	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Cldy					X	Pr Cldy			Cloudy			X	Pr Cldy				→
Sunshine (in tenths of hours)							0	0	0.1	0.7	0.8	0	0	0.4	0.4	0	0							
Wind direction	N	N	N	N	N	N	N	N	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	5	6	4	5	5	6	9	10	9	7	9	9	9	7	5	4	7	7	6	6	5	5
Maximum velocities (exceeding 2 miles) direction and time																								

Sunrise: Time, 6:19 Character, Cloudy
Moonrise:
Sunset: Time, 4:30 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

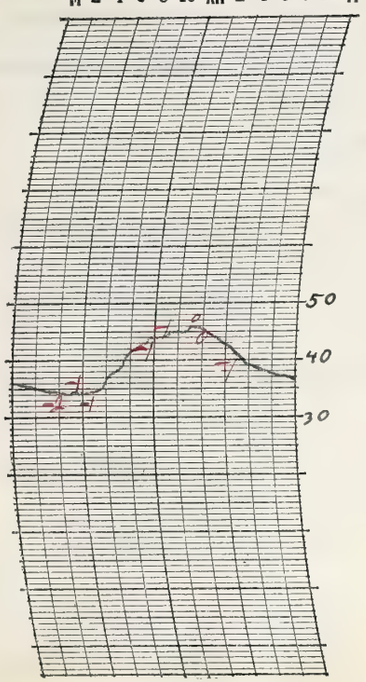
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	32	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.4 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 24
Prevailing wind direction, SW Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 9:44 a.m.
Reduced barometer, 30.38 7 a. m. 30.40 7 p. m.
River gage, 6.5 fell
Relative humidity, 85 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.9 Wet temperature, 38.9
Dew-point, 34 R. humidity, 70 V. pressure, 195
Clouds: Amount, 7; Kind, cirst; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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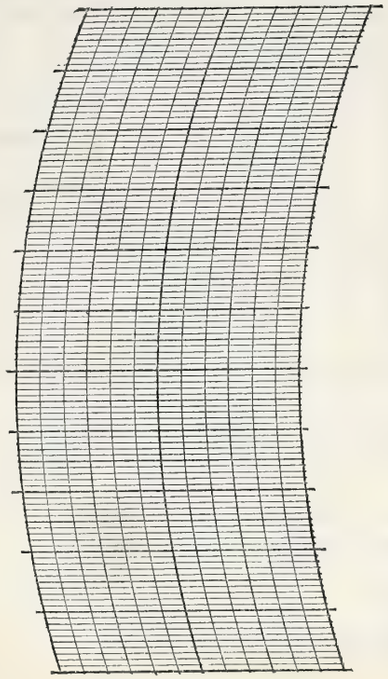
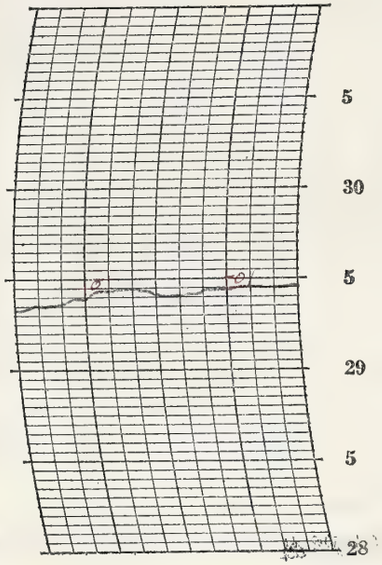


BAROGRAPH.



Prepared by [signature]

Verified by E. L. H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 8 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	32	31	31	31	32	35	41	43	44	45	46	46	45	44	42	41	40	40	40	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Pt Cldy			X	Pt Cldy					X		Clear						→
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	0.4	0.3	0.7	0.1	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	NE	NE	NE	NE	NE	E	E	E
Wind movement	6	6	6	7	6	5	7	6	8	7	7	7	6	6	6	6	4	3	4	3	1	2	3	3
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:21 Character, Cloudy
Moonrise:

Sunset: Time, 4:29 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.7 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 37
Prevailing wind direction, NE Total wind, 125
Average hourly velocity, 5.2 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 10:39 2 am.
Reduced barometer, 30.41 7 a. m., 30.41 7 p. m.
River gage, 5.4 feet
Relative humidity, 90 7 a. m. 60 7 p. m.

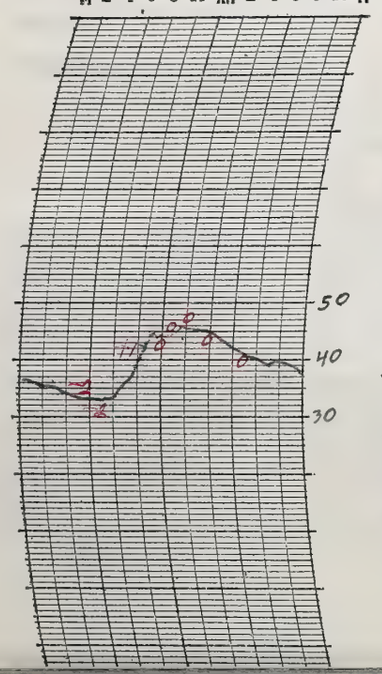
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 43.7 Wet temperature, 39.2
Dew-point, 34 R. humidity, 68 V. pressure, .195
Clouds: Amount, 2 5; Kind, 2 Cu 0 2; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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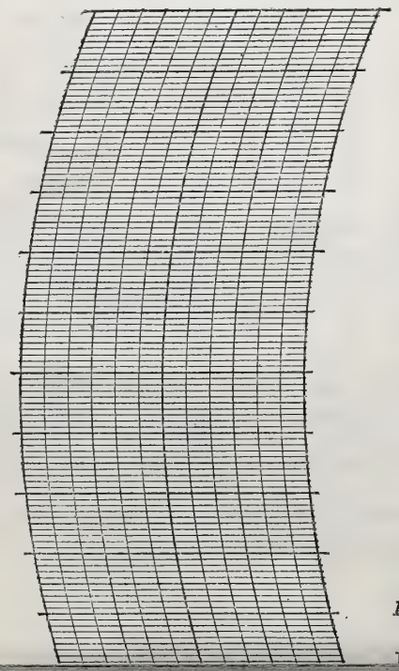

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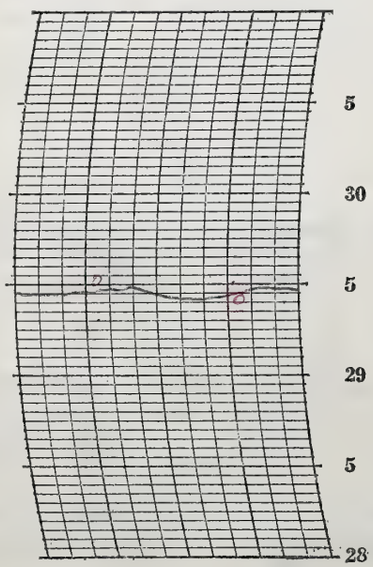


Prepared by C.J.H.

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 9 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	33	33	33	34	38	44	47	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0.63 0	1.0 0	0.4 0.6	1.0	1.0	1.0
Wind direction	E	SE	SE	SE	SE	SE	SE	SW	SW	S	SW	S
Wind movement	2	2	3	2	1	2	4	6	8	8	7	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	52	51	49	48	47	45	44	43	42	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9 0.1	0.47 0							
Wind direction	S	S	SW	S	S	S	S	S	SE	SE	SE	S
Wind movement	6	5	4	6	4	5	4	5	5	7	7	6

Clear

Sunrise: Time, 6:22 Character, Clear

Moonrise:

Sunset: Time, 4:28 Character, Clear

Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

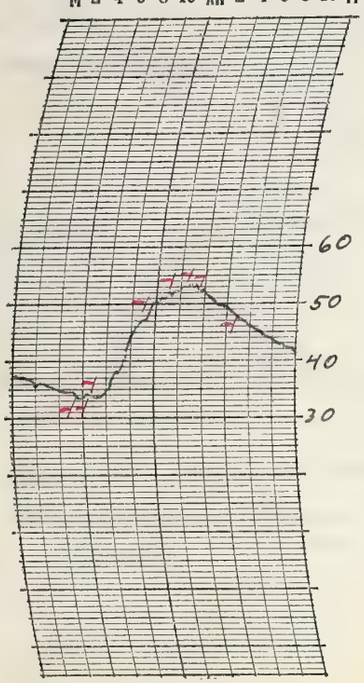
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	33	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 10.1 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 114
Average hourly velocity, 4.8 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 9:59 2 m
Reduced barometer, 30.44 7 a. m. 30.33 7 p. m.
River gage, 4.3 fall
Relative humidity, 90 7 a. m. 52 7 p. m.

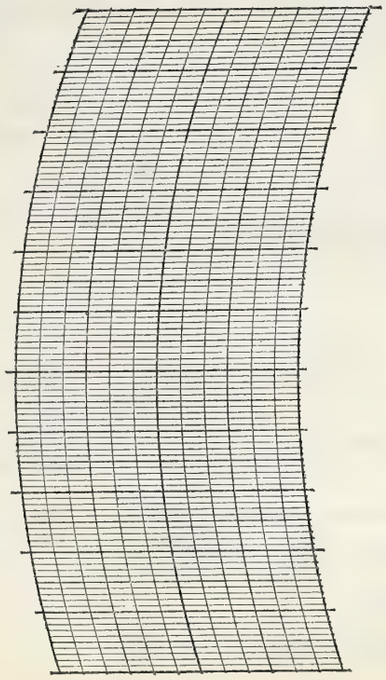
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.0 Wet temperature, 42.8
Dew-point, 35 R. humidity, 55 V. pressure, .203
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

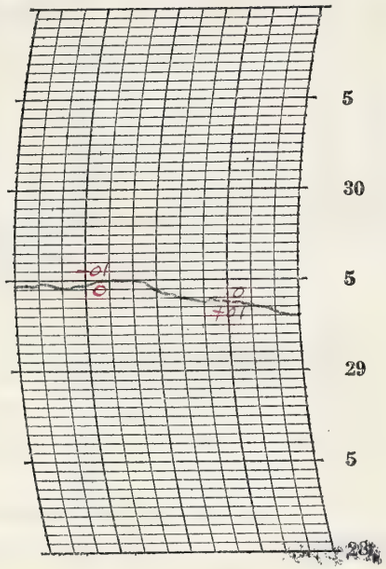
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	39	38	38	39	40	40	42	41	41	42	43
State of weather: Nature of precipitation and time of beginning and ending									RB 8:10			
Amounts of precipitation									02	04	14	21
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	SE	SE	SE	SE	SE	SE	SE	SE	E	SE	SE
Wind movement	7	7	6	7	9	8	7	7	4	7	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	48	50	52	54	54	54	53	52	50	48	47
State of weather: Nature of precipitation and time of beginning and ending		RE 1:50	RB 2:45	RE 3:10				RB 7:10	RE 8:20			
Amounts of precipitation	40	04	01	T				01	02			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	SE	S	S	S	SW	SW	W	WSW	SW	
Wind movement	7	7	9	10	9	9	9	7	12	10	8	8

Cloudy, Light Fog, Cloudy

Sunrise: Time, 6:23 Character, Cloudy
Moonrise:

Sunset: Time, 4:27 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

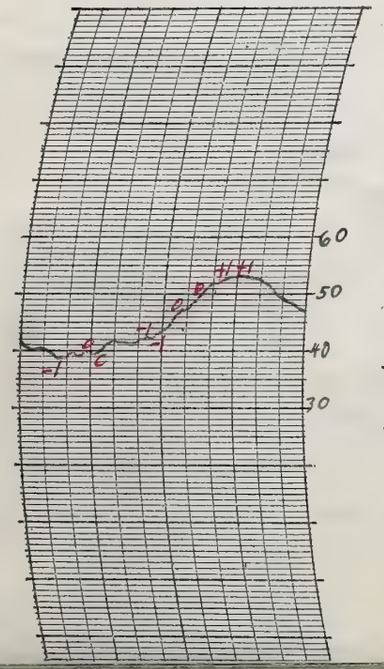
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	38	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .86 ins.
Total precipitation, midnight to midnight, .89 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 7:59 p.m.
Reduced barometer, 30.10 7 a. m. 29.80 7 p. m.
River gage, 3.4 feet
Relative humidity, 68 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 42.9 Wet temperature, 42.4
Dew-point, 42 R. humidity, 96 V. pressure, .266
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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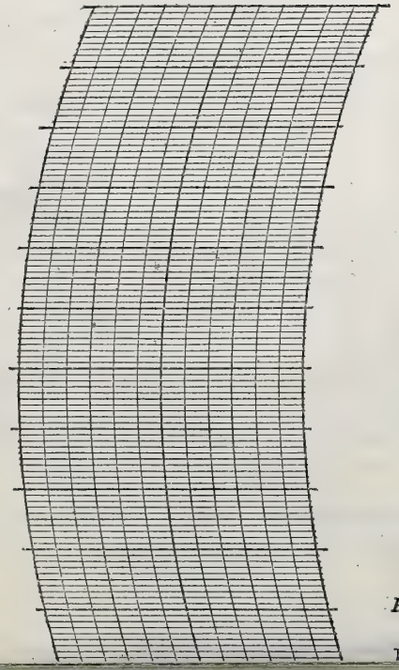
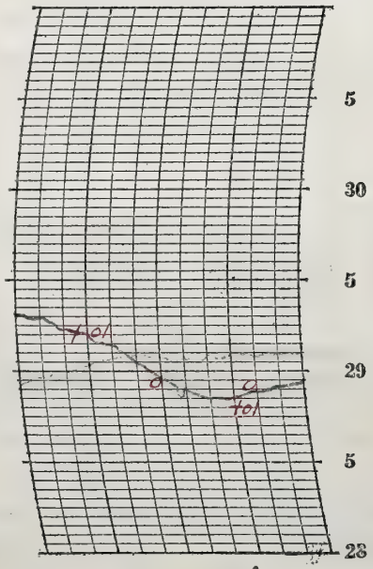


BAROGRAPH.



Prepared by C.H.
Verified by E.J.H.

NOTES

Cloudy, rainy day. Streets and sidewalks very slippery. Ceiling became low at 10:00 2m and remained about 300 feet the rest of the day. Visibility very poor.
Light fog began 5:10 2 ended 6:30 AM
Light fog began 7:20 2 ended 10:40 2m

Form No. 1014—Met'l

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) NOV 1 1 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	43	42	42	41	41	42	43	45	47	49	50	51	51	51	50	48	47	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←				Cloudy					X		prevly			Clear			→	
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0.8	0.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NE	NE	E	E	E	E	E
Wind movement	7	7	9	6	5	7	7	7	6	7	5	6	6	5	5	3	3	4	4	6	5	4	5	6

Sunrise: Time, 6:24 Character, Cloudy
Moonrise:
Sunset: Time, 4:26 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

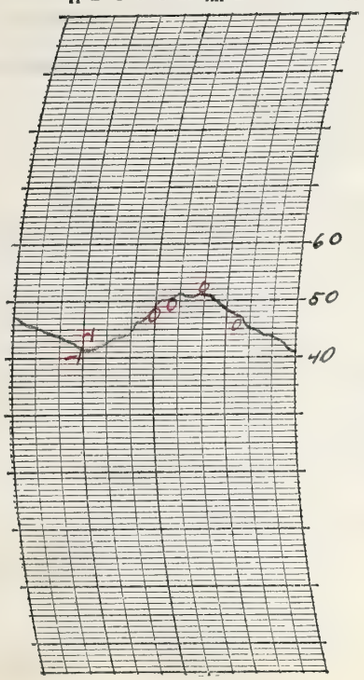
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	41	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 10
Prevailing wind direction, SW Total wind, 135
Average hourly velocity, 5.6 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 2:34 a.m.
Reduced barometer, 30.01 7 a. m. 30.04 7 p. m.
River gage, 6.1 feet
Relative humidity, 96 7 a. m. 47 7 p. m.

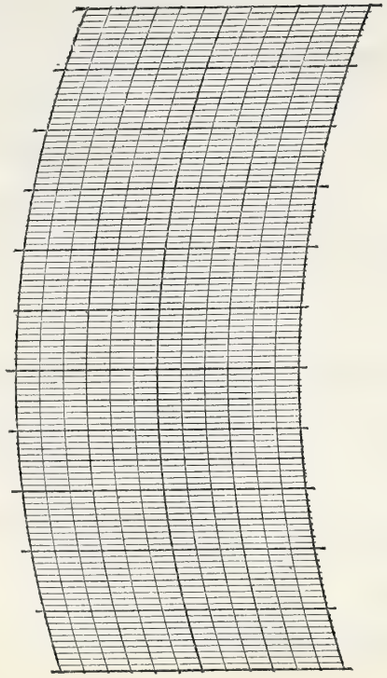
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.4 Wet temperature, 45.4
Dew-point, 41 R. humidity, 74 V. pressure, .256
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

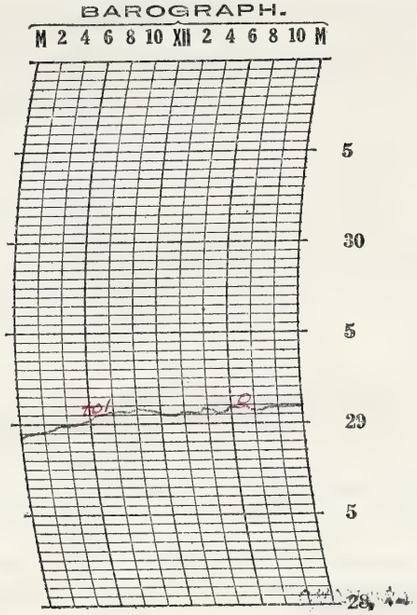
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. S. H.

8—486

NOTES

Light fog in the morning, ceiling about 400 feet until 10:00 a.m. then began to lift and was 800 feet by 1:00 p.m; visibility about one mile most of the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 12 1929, 192

98

Time (local standard) mer. normal time.	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	39	39	39	40	40	42	43	45	47	49	48	47	47	47	47	46	47	46	46	46	46	46
State of weather: Nature of precipitation and time of beginning and ending											RB 10:35 RE 10:45	RB 11:40						RE 5:15			RB 8:00	RE 9:45		
Amounts of precipitation											T	T	.02	.07	.03	.07	.01	T			.02	T		
Cloudiness and other conditions													Cloudy											
Sunrise: Time, 6:25 Character, Cloudy																					Sunset: Time, 4:25 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	NE	NE	NE	E	E	E	NE	NE	E	NE	NE	E	E	NE	NE	NE	NE
Wind movement	4	6	6	5	7	8	8	8	7	8	8	8	7	9	8	8	9	9	11	9	8	8	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

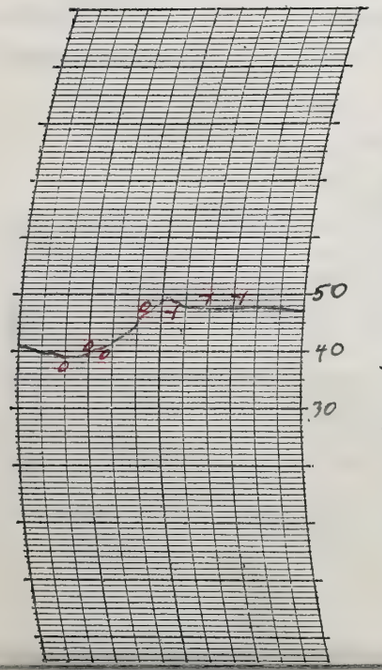
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	39	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m. .10 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 6:59 p.m.
Reduced barometer, 30.03 7 a. m., 29.97 7 p. m.
River gage, 7.6 feet
Relative humidity, 92 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.7 Wet temperature, 46.2
Dew-point, 44 R. humidity, 83 V. pressure, .287
Clouds: Amount, 10; Kind, stu.; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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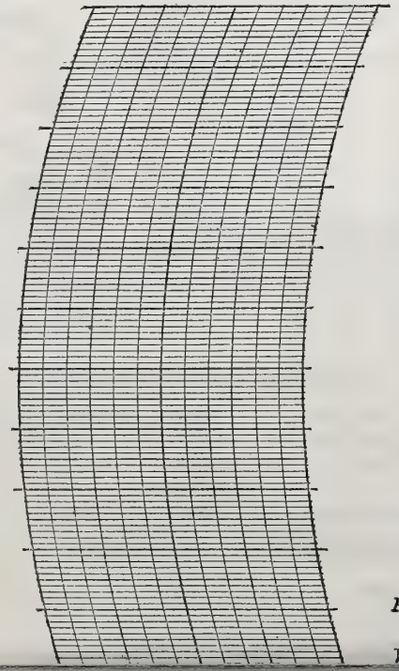
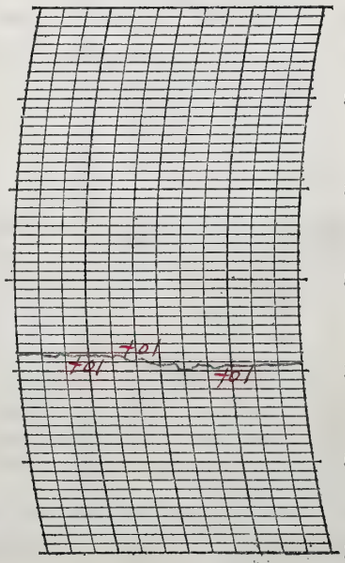


BAROGRAPH.



Prepared by J.S.

Verified by E.S.H.

NOTES

Cloudy, threatening morning with a light sprinkle at 10:35 a.m. and a steady rain began at 11:40 a.m. Streets were slippery from 11:40 a.m. into the night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 13 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	47	46	46	46	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	46
State of weather: Nature of precipitation and time of beginning and ending						RB 5:40		RE 7:20																
Amounts of precipitation						T	T	T																
Cloudiness and other conditions						← Light Fog →							Cloudy →											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE
Wind movement	9	11	9	9	9	11	11	13	14	10	13	15	15	15	11	11	9	9	11	11	11	10	7	8

Sunrise: Time, 6:26 Character, Cloudy
Moonrise:
Sunset: Time, 4:25 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

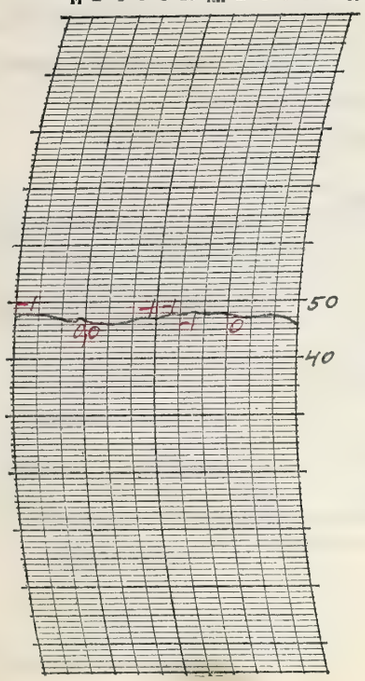
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	46	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 262
Average hourly velocity, 10.9 Extreme velocity, 18
Maximum velocity, 18 Direction, NE
Time began, 12:18 pm
Reduced barometer, 30.02 7 a. m. 30.07 7 p. m.
River gage, 8.1 feet
Relative humidity, ~~30.02~~ 96 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 46.2 Wet temperature, 44.2
Dew-point, 41.2 R. humidity, 86 V. pressure, .266
Clouds: Amount, 10; Kind, st cu; Direction, NE
Velocity of clouds (miles per hour)

THERMOGRAPH



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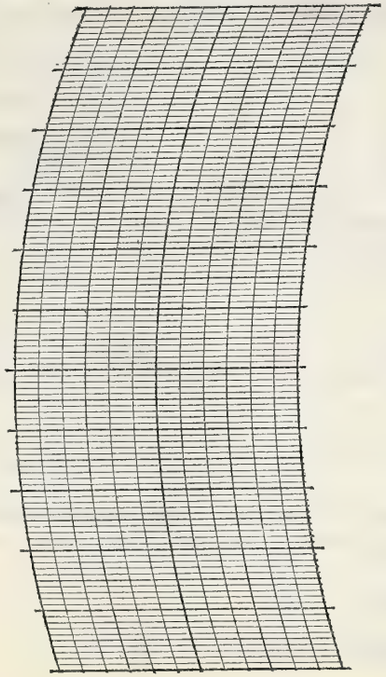
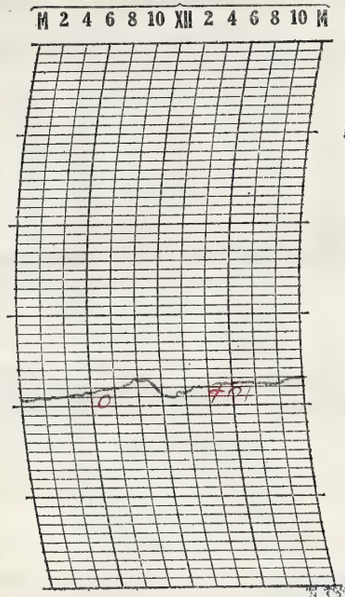


BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—436

NOTES

Cloudy threatening morning followed by a light sprinkle from 5:40 a m until 7:20 a m. Poor visibility until noon, then fair with about 200 foot ceiling.
Light fog began 6:10 a m ended 8:20 a m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 14 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	44	44	44	44	44	44	45	46	47
					RB DNa						RE 10:45	
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation					T	T	02	01	12	T	01	
Cloudiness and other conditions											Cloudy	
								Light Fog	Dense Fog			
Sunrise: Time, 6:28 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	8	10	10	7	9	8	8	9	10	9	7
Maximum velocities (exceeding 2.4 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	47	47	47	46	45	45	45	45	45	44
												RB 11:30 RE 11:40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												T
Cloudiness and other conditions												
Sunset: Time, 4:24 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	N	N	N	N	N	NW	NW	NW	SW	W	W
Wind movement	4	6	5	4	4	6	7	5	5	7	9	13
Maximum velocities (exceeding 2.4 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

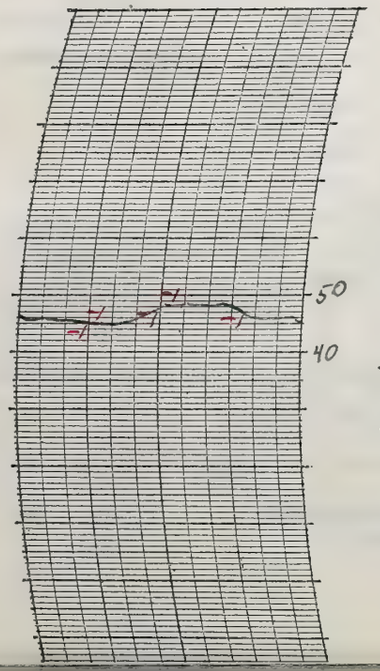
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	44	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 02 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 11:30 p.m.
Reduced barometer, 30.05 7 a. m. 29.91 7 p. m.
River gage, 8.3 feet
Relative humidity, 100 7 a. m. 98 7 p. m.

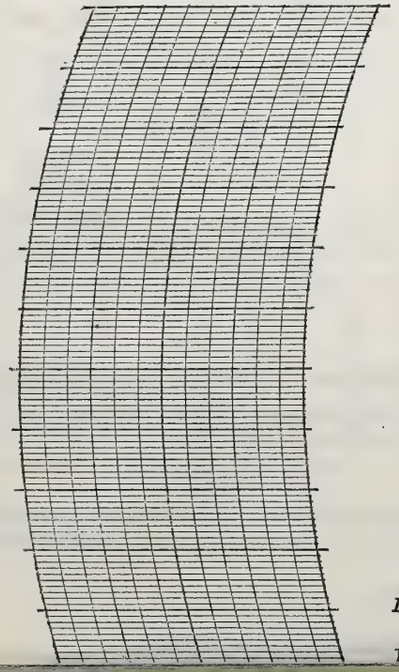
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.8 Wet temperature, 46.3
Dew-point, 46 Rel humidity, 96 V. pressure, .310
Clouds: Amount, 10; Kind, St Fog; Direction, NE
Velocity of clouds (miles per hour)

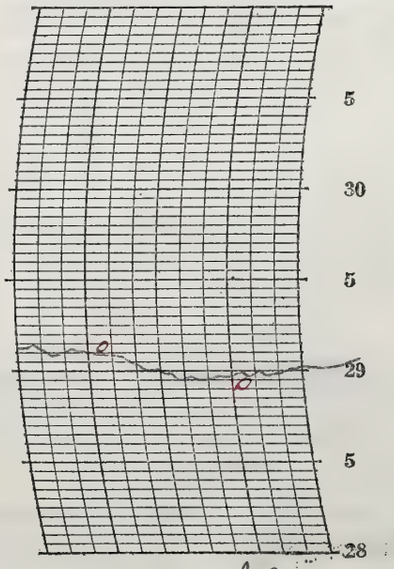
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Light fog began 7:05 a.m. ended 7:15 a.m.
Dense fog began 7:15 a.m. ended 8:40 a.m.
Light fog began 8:40 a.m. ended 8:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 15 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	42	41	40	40	38	38	40	41	45	46
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear	Pt Cldy	Cldy	x	—	—	Pt
Sunshine (in tenths of hours)							0 (0.52)	0 (1.0)	0.6 (0.4)	1.0	1.0	0.7
Wind direction	W	W	W	SW	W	W	SW	W	W	W	W	W
Wind movement	13	10	9	9	10	8	8	8	8	9	9	10

Sunrise: Time, 6:29 Character, Clear
Moonrise: ——

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	48	47	45	43	42	40	39	38	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy	—	—	x	—	Cldy	—	x	Pt Cldy	x	Clear	
Sunshine (in tenths of hours)	0.8	0.3	0	0	0							
Wind direction	W	W	W	W	W	W	NW	NW	NW	N	N	W
Wind movement	9	9	7	8	7	7	8	8	6	3	2	4

Sunset: Time, 4:23 Character, Cloudy
Moonset: ——

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

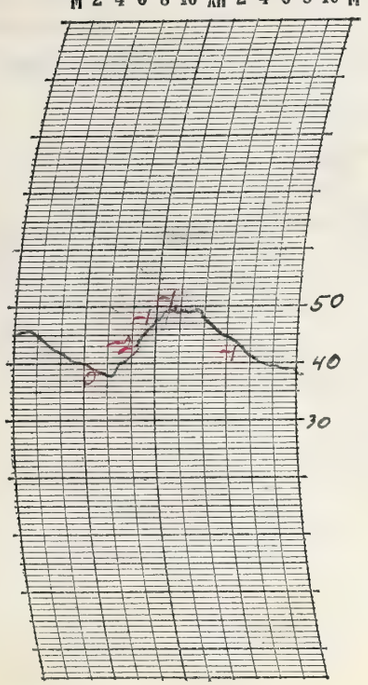
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	37	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ——
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.3 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 64
Prevailing wind direction, W Total wind, 189
Average hourly velocity, 7.9 Extreme velocity, 16
Maximum velocity, 16 Direction, W
Time began, 12:38 a.m.
Reduced barometer, 30.07 7 a. m. 30.27 7 p. m.
River gage, 8.0 fall
Relative humidity, 83 7 a. m. 71 7 p. m.

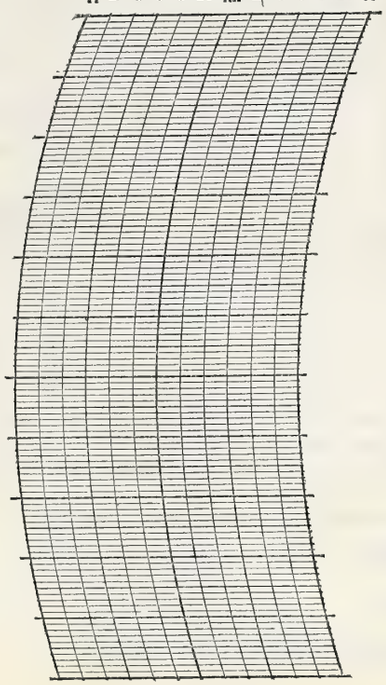
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.5 Wet temperature, 43.0
Dew-point, 40 R. humidity, 76 V. pressure, .247
Clouds: Amount, 5; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

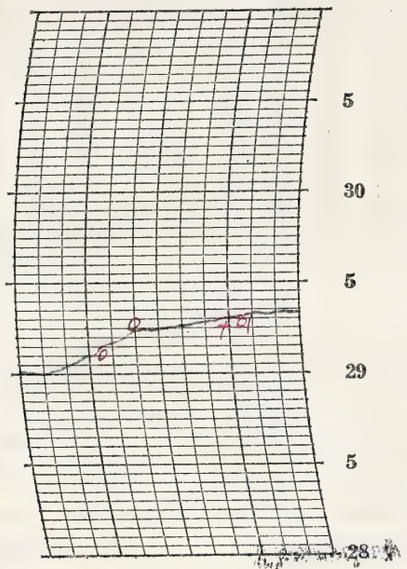
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 16 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	35	34	35	37	38	41	45	46	47	48	48	48	46	46	45	45	45	45	45	46
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:40	RE 6:30					
Amounts of precipitation																		T	.01					
Cloudiness and other conditions						←							Cloudy										→	
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	SE	E	E	E	E	E	E	E
Wind movement	3	7	2	1	3	2	2	4	6	8	6	5	6	4	2	2	3	3	2	4	3	4	3	2

Sunrise: Time, 6:30 Character, Cloudy
Moonrise:
Sunset: Time, 4:22 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

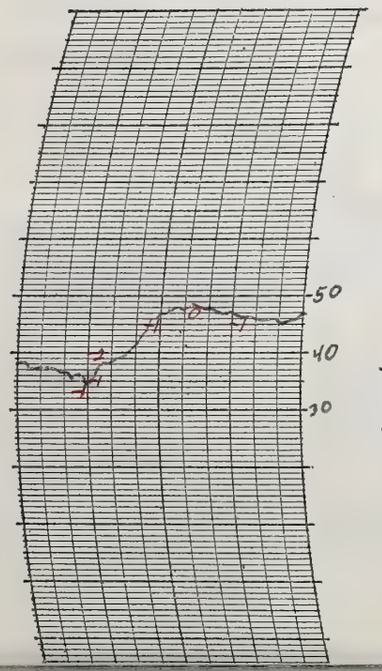
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	33	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 87
Average hourly velocity, 3.6 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 9:34 2 m
Reduced barometer, 30.23 7 a. m. 30.11 7 p. m.
River gage, 7.4 feet
Relative humidity, 91 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.9 Wet temperature, 41.8
Dew-point, 37 R. humidity, 71 V. pressure, .219
Clouds: Amount, 9/10; Kind, ~~st cu~~ 2 st; Direction, ~~NW~~ W
Velocity of clouds (miles per hour)

THERMOGRAPH



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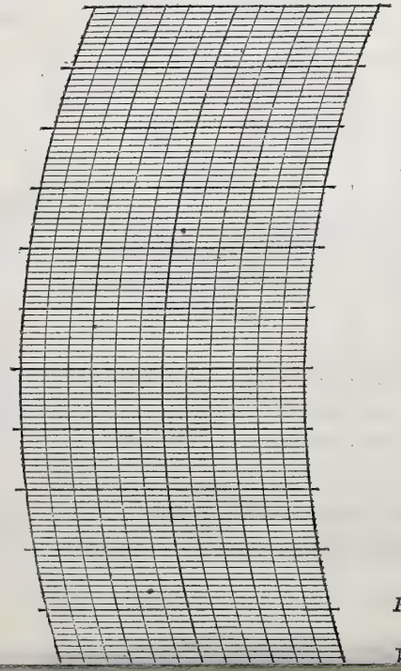
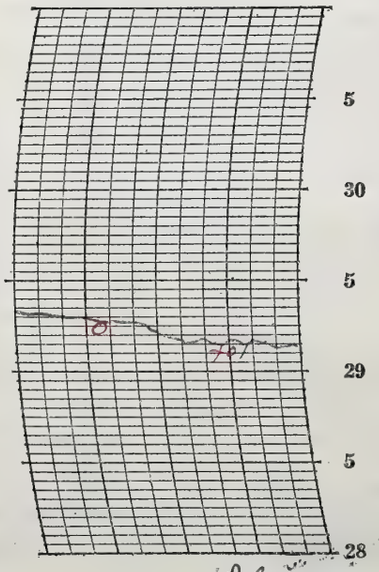


BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 17 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	44	43	43	43	43	42	43	45	46
Nature of precipitation and time of beginning and ending			RB D.N2 RE DN2						RB 8:45 RE 9:00			
Amounts of precipitation			T						T			
Cloudiness and other conditions						←					Cloudy	

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	45	44	43	43	43	43	43	43
Nature of precipitation and time of beginning and ending						RB 5:30				RE 10:00		
Amounts of precipitation						T	T	T	T	T		
Cloudiness and other conditions												→

Sunrise: Time, 6:31 Character, Cloudy

Moonrise:

Sunset: Time, 4:21 Character, Cloudy

Moonset:

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	NE	NE	NE	E
Wind movement	3	2	3	2	3	6	5	5	4	7	6	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	3	6	6	6	7	4	5	5	4	3

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	42	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 111

Average hourly velocity, 4.6 Extreme velocity, 9

Maximum velocity, 9 Direction, NE

Time began, 4:00 p.m.

Reduced barometer, 30.03 7 a. m. 29.88 7 p. m.

River gage, 6.8 flat

Relative humidity, 89 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

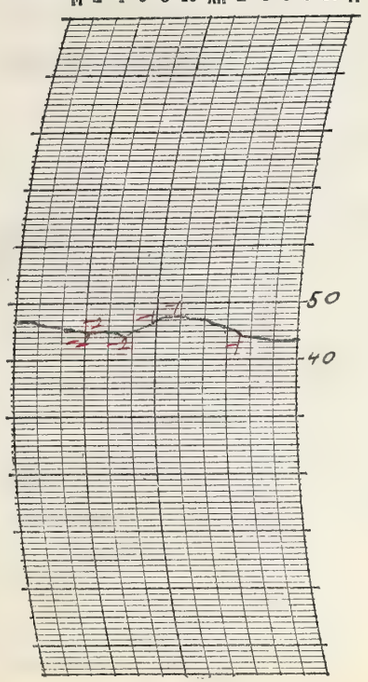
Dry temperature, 45.8 Wet temperature, 44.0

Dew-point, 42 R. humidity, 82 V. pressure, 2.66

Clouds: Amount, 10; Kind, st; Direction, E

Velocity of clouds (miles per hour)

THERMOGRAPH



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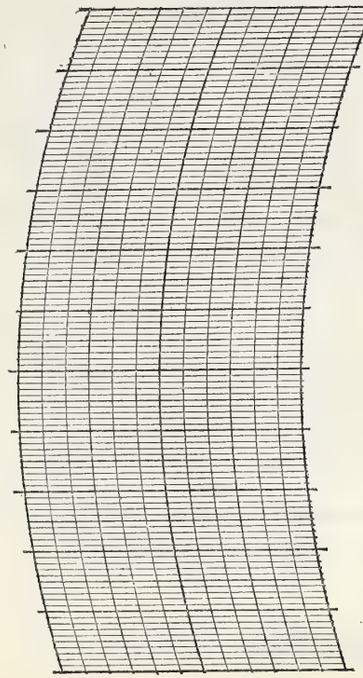
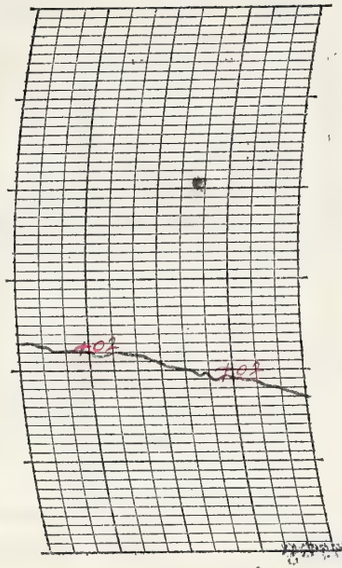


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 18 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	43	43	42	42	42	43	42	41	41	42	41	41	41	41	41	42	41	40	39	39	39
State of weather. Nature of precipitation and time of beginning and ending			RB DNa																				RE 10:20	
Amounts of precipitation			01	03	03	05	04	02	T	01	T	T	T	T	T	03	01	01	T	T	01	04	T	
Cloudiness and other conditions						← Light Fog →							Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	N	N	W	W	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	2	4	4	5	6	5	5	7	9	12	12	13	13	11	11	7	7	4	9	11	8	10	9	9
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:32 Character, Cloudy
Moonrise:
Sunset: Time, 4:20 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

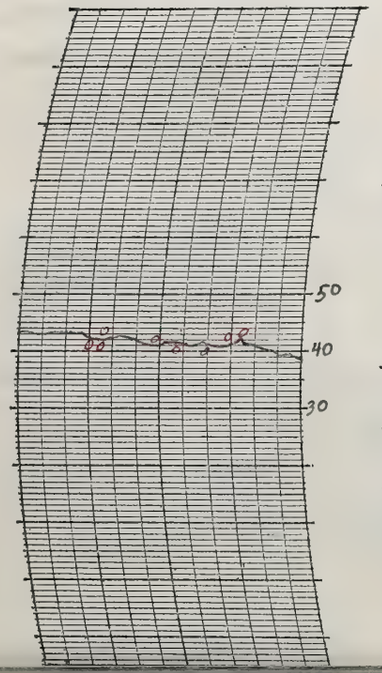
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	38	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .16 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 12:26 p.m.
Reduced barometer, 29.69 7 a. m. 29.66 7 p. m.
River gage, 6.3 feet
Relative humidity, 96 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 40.0
Dew-point, 39 R. humidity, 92 V. pressure, .237
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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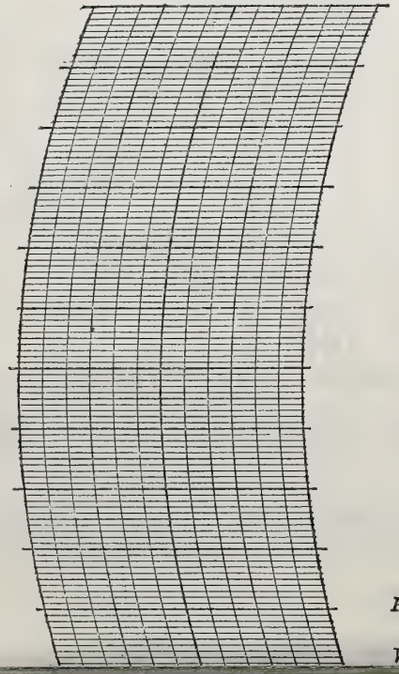
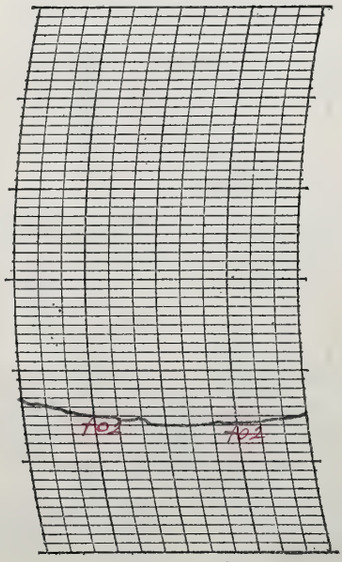


BAROGRAPH.



Prepared by

Verified by

NOTES

Light fog began 7:05 a.m. ended 10:30 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) NOV 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	37	37	35	36	37	38	39	37	38	39	40	39	37	36	35	35	35	34	33	33
State of weather: Nature of precipitation and time of beginning and ending						RB 5:10	RE 6:40					SMB 11:05 SME 11:15												
Amounts of precipitation						02	02					T												
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)							0	0	0	0.4	0.4	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	WW	WW	WW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	7	8	9	9	7	9	8	7	9	12	11	8	7	9	10	11	7	7	9	7	5	4	4
Maximum velocities (exceeding 2.2 miles) direction and time																								

Sunrise: Time, 6:33 Character, Cloudy
Moonrise: ____ ____

Sunset: Time, 4:20 Character, Cloudy
Moonset: ____ ____

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

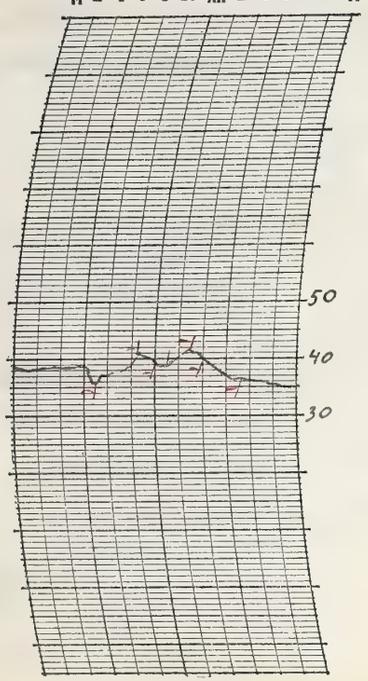
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	33	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 8
Prevailing wind direction, W Total wind, 192
Average hourly velocity, 8.0 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 10:30 a.m.
Reduced barometer, 29.92 7 a. m. 30.15 7 p. m.
River gage, 6.2 feet
Relative humidity, 29.92 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.4 Wet temperature, 35.8
Dew-point, 33 R. humidity, 86 V. pressure, .182
Clouds: Amount, 10; Kind, stcu; Direction, NW
Velocity of clouds (miles per hour) ____

THERMOGRAPH



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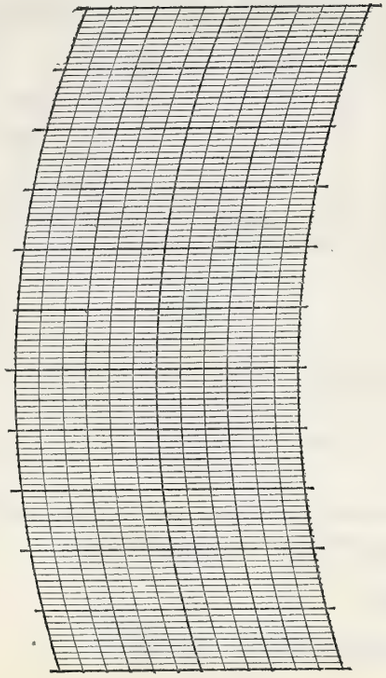
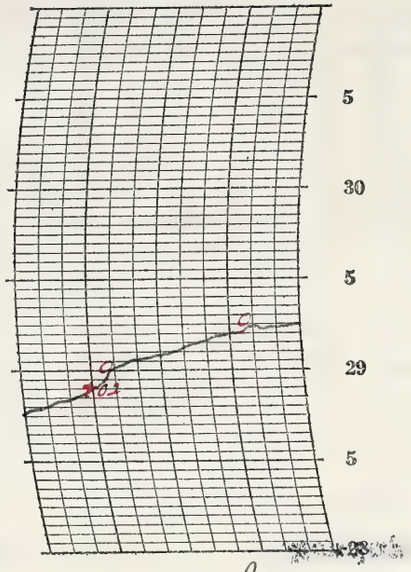


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 20 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	32	31	30	30	30	32	33	34	36
State of weather: Nature of precipitation and time of beginning and ending				SM B 0 N B SM E 0 N E								
Amounts of precipitation				T								
Cloudiness and other conditions							Partly					
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.6
Wind direction	N	W	SW	SW	W	SW	SW	SW	SW	SW	W	SW
Wind movement	4	5	5	7	6	6	6	9	9	10	11	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	32	30	30	29	29	28	27	27	26	26
State of weather: Nature of precipitation and time of beginning and ending	SM B 12:15				SM E 4:45							
Amounts of precipitation	T	T	T	T	T							
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	12	10	12	13	14	11	11	11	14	14	10

Sunrise: Time, 6:35 Character, Cloudy
Moonrise:
Sunset: Time, 4:19 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

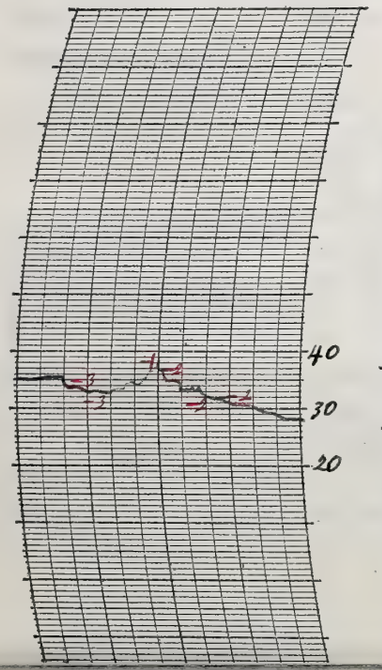
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	26	31	

Total depth of snow for 24 hours ending T p. m., T inches.
Snow, sleet, and hail on ground T p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to T a. m., T ins.; to T p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 7
Prevailing wind direction, W Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 11:17 a.m.
Reduced barometer, 30.21 a. m. 30.33 p. m.
River gage, 6.2 feet
Relative humidity, 95 a. m. 76 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.1 Wet temperature, 31.8
Dew-point, 26 R. humidity, 63 V. pressure, .136
Clouds: Amount, 2; Kind, cu Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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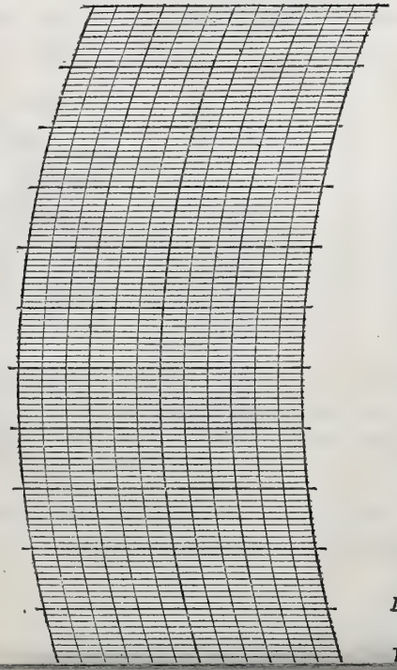
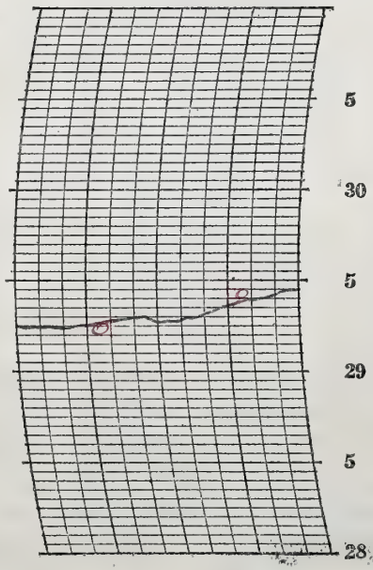


BAROGRAPH.



Prepared by C.F.
Verified by E.G.N.

NOTES

Tipping bucket removed 6:47 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) NOV 21 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	23	23	22	22	22	23	24	25	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear			Pt Cldy			
Sunshine (in tenths of hours)							0.4 0	1.0 0	0.9 0.1	0.8	0.5	0.4
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	7	7	7	8	7	9	9	11	12	12	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	25	25	24	23	22	21	21	20	20	19
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Cldy	Pt Cldy					
Sunshine (in tenths of hours)	0.3	0.1	0.4	0	0							
Wind direction	W	W	W	NW	NW	NW	NW	W	W	W	W	W
Wind movement	10	11	10	8	8	8	6	6	8	9	10	9

State of weather.

Sunrise: Time, 6:36 Character, Clear

Moonrise:

Sunset: Time, 4:18 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	19	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 4.9 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 51

Prevailing wind direction, W Total wind, 211

Average hourly velocity, 8.8 Extreme velocity, 16

Maximum velocity, 15 Direction, W

Time began, 10:19 2 m

Reduced barometer, 30.48 7 a. m., 30.58 7 p. m.

River gage, feet

Relative humidity, 93 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

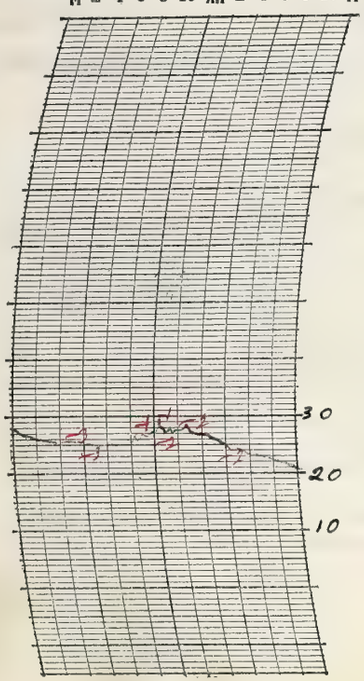
Dry temperature, 26.0 Wet temperature, 23.0

Dew-point, 16 R. humidity, 64 V. pressure, 0.85

Clouds: Amount, 6; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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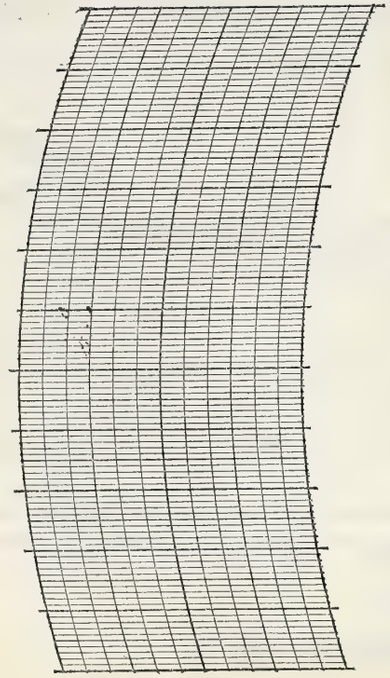
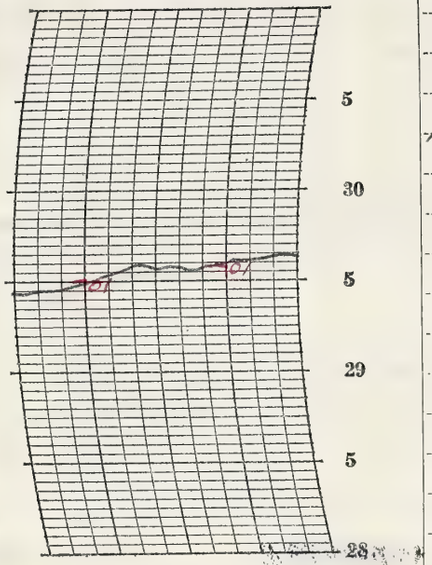


BAROGRAPH.



Prepared by [illegible]

Verified by E.G.H.

S—486

NOTES

A partly cloudy day, the coldest day this fall. Ice formed and streets and yards were frozen hard.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	16	16	15	14	14	14	15	22	23	25	27	26	27	26	26	26	25	25	24	23	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear →				Pt Cldy				X Clear →											
Sunshine (in tenths of hours)							0.35 0	1.0 0	0.7 0.1	1.0	0.9	1.0	1.0	1.0	1.0	0.9 0.1	0.30 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	S	S	S	S	S	S	S	S	S	SE	SE	SE	S
Wind movement	8	7	5	6	5	4	4	5	5	4	3	5	5	6	5	4	4	3	2	2	4	6	6	7

Sunrise: Time, 6:37 Character, Clear
Moonrise:
Sunset: Time, 4:18 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

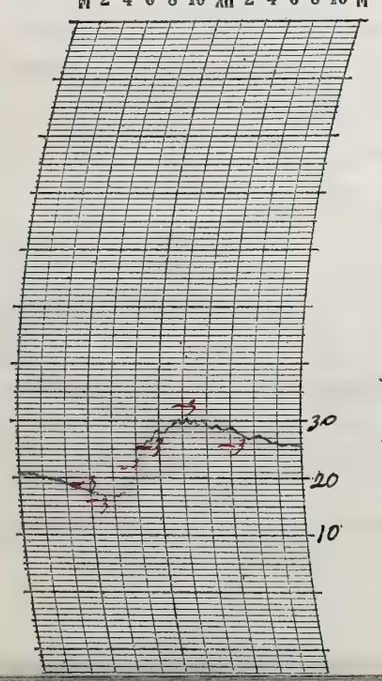
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	14	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 97
Prevailing wind direction, W Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 12:45 pm
Reduced barometer, 30.60 7 a. m. 30.41 7 p. m.
River gage, 4.8 feet
Relative humidity, 83 7 a. m. 61 7 p. m.

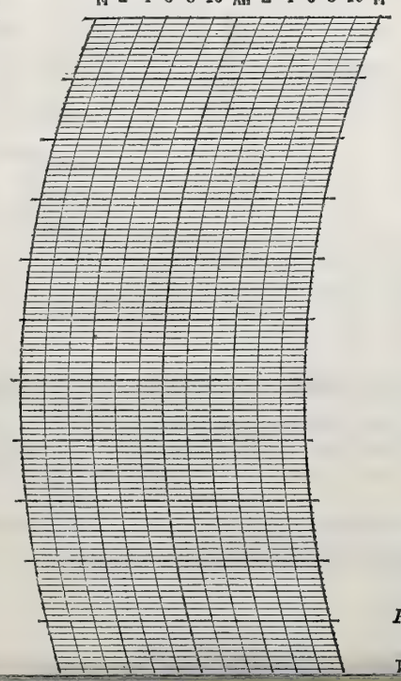
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 24.8 Wet temperature, 21.0
Dew-point, 11 R. humidity, 52 V. pressure, .066
Clouds: Amount, 4; Kind, cu; Direction, S
Velocity of clouds (miles per hour)

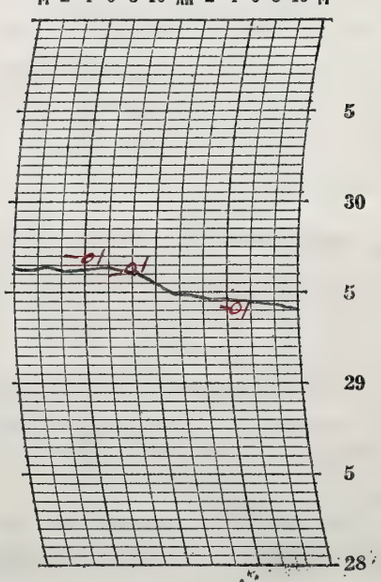
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E.L.H.

NOTES

Apparently fair day, however the sun shone through high upper clouds part of the day. A very cold morning for the month of November, the day remained cold. Streets remained frozen all day. Very heavy frost in the morning. Streets were not slippery as they were dry before the freeze.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Saturday, (Date) NOV 23 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	21	21	21	20	21	25	29	31	33	35	35	35	34	34	34	33	33	33	33	32	32
																							5 Mg 10:50	5 Mg ONP
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																							T	T
Cloudiness and other conditions							Pt Cldy					X		Cloudy										
Sunshine (in tenths of hours)							0.39 0	0.9 0.1	1.0	0.9	1.0	1.0	1.0	1.0	0.3	0.2	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	S	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	7	8	7	7	4	5	6	7	9	8	9	9	11	12	12	8	8	8	9	10	12	12	11	15

Sunrise: Time, 6:38 Character, Clear
Moonrise:
Sunset: Time, 4.17 Character, Cloudy
Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

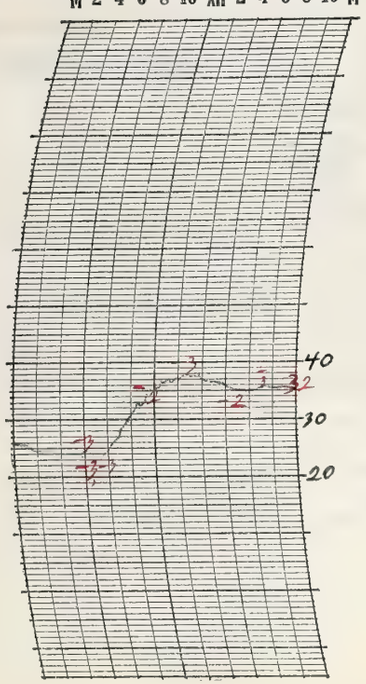
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	20	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.8 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 81
Prevailing wind direction, S Total wind, 214
Average hourly velocity, 8.9 Extreme velocity, 18
Maximum velocity, 18 Direction, SW
Time began, 11:41 pm
Reduced barometer, 30.29 7 a. m. 30.12 7 p. m.
River gage, 4.1 feet
Relative humidity, 88 7 a. m. 56 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.9 Wet temperature, 29.1
Dew-point, 23 R. humidity, 63 V. pressure, 11.8
Clouds: Amount, 8; Kind, cist; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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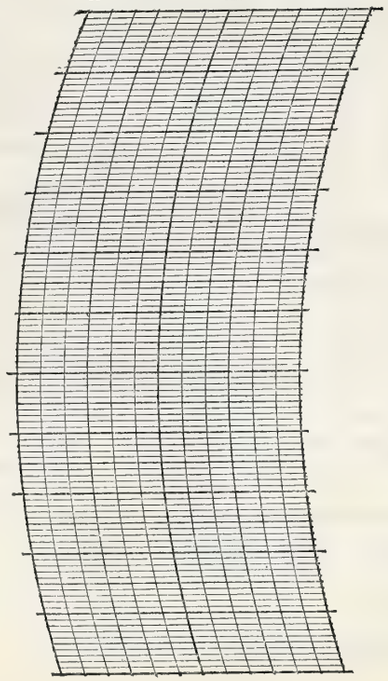
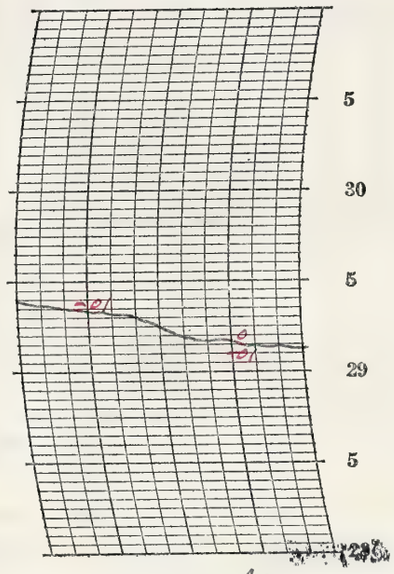


BAROGRAPH.



Prepared by J.J.
Verified by E.J.H

8—436

NOTES

Partly cloudy in the morning and cloudy during the afternoon. Although temperatures rose above freezing the ground remained frozen.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	32	32	30	29	25	23	23	25	27	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0.3	1.0	1.0	1.0
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	12	12	11	10	12	11	11	9	10	12	11	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	31	30	29	28	25	28	28	28	31	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.27 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	15	13	16	14	14	15	14	15	16	13	10	10

Cloudy ← → Clear

Sunrise: Time, 6:39 Character, Cloudy
Moonrise:

Sunset: Time, 4:16 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

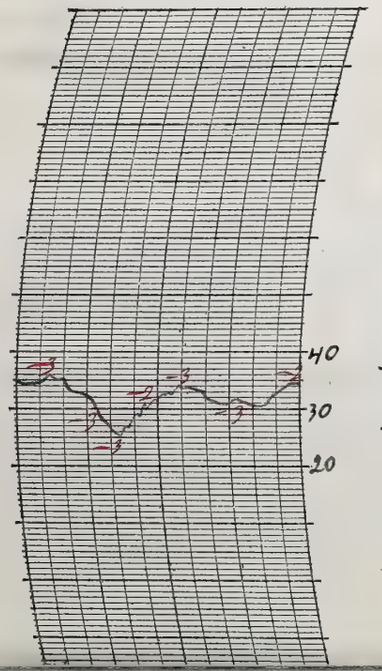
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	22	27	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 7.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 79
Prevailing wind direction, SW Total wind, 298
Average hourly velocity, 12.4 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 2:31 p.m.
Reduced barometer, 30.08 7 a. m. 30.06 7 p. m.
River gage, 3.8 feet
Relative humidity, 87 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 26.0
Dew-point, 20 R. humidity, 65 V. pressure, 1.03
Clouds: Amount, 2; Kind, cirst; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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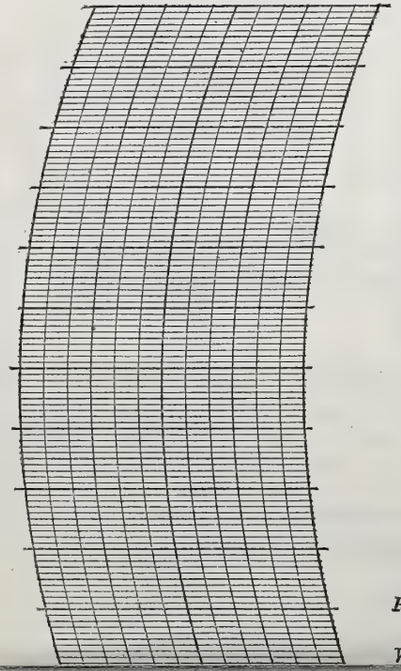
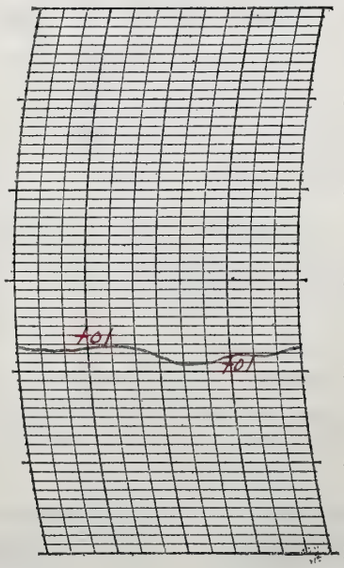


BAROGRAPH.



Prepared by

Verified by

NOTES

A clear, cold, beautiful day. Temperatures remained below the freezing point all day but some thawing occurred in the sunshine.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 25 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	29	28	26	25	25	26	30	34	41	43	45	46	45	43	40	38	37	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Clear			X	Pt Cldy		X				Clear							→
Sunrise: Time, 6:41 Character, Clear																					Sunset: Time, 4.76 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0.32 0	0.9 0.1	1.0	0.6	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.27 0							
Wind direction	W	W	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SW	SW	SW
Wind movement	7	6	7	7	6	8	9	11	11	11	12	13	19	20	17	16	16	16	17	18	14	13	14	13
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	25	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 96

Prevailing wind direction, S & SW Total wind, 304

Average hourly velocity, 12.5 Extreme velocity, 30

Maximum velocity, 24 Direction, SW

Time began, 1:10 p.m.

Reduced barometer, 30.14 7 a. m. 29.96 7 p. m.

River gage, 3.0 feet

Relative humidity, 87 7 a. m. 64 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

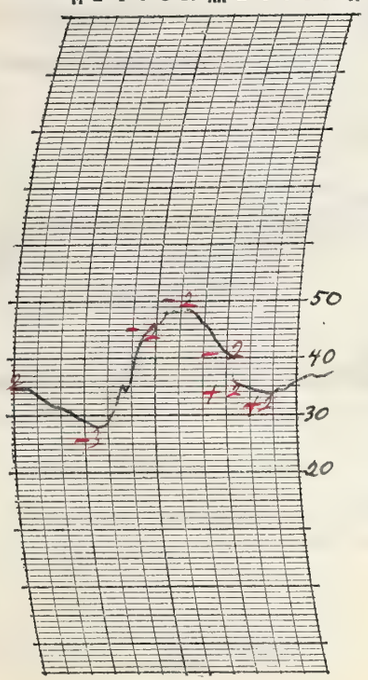
Dry temperature, 43.2 Wet temperature, 35.7

Dew-point, 24 R. humidity, 46 V. pressure, 124

Clouds: Amount, 3 ci cu; Kind, 2 cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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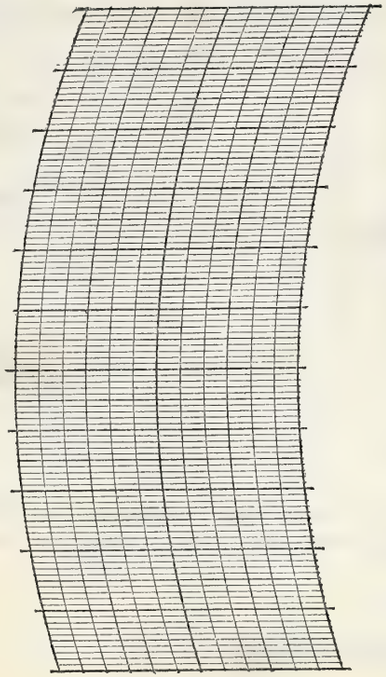
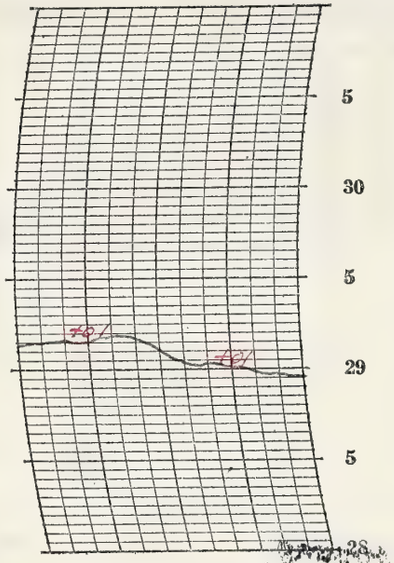


BAROGRAPH.



Prepared by

Verified by

8—436

NOTES

Mostly fair in the afternoon but some high clouds. A warm pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 26 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	37	36	35	35	37	38	41	43	45	47	50	51	50	47	45	44	44	41	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Prdly Cldy			× Prdly Cldy			Clear											
Sunshine (in tenths of hours)							0	0.1	0.8	0.7	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.25 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	14	14	13	13	12	13	19	20	19	18	16	17	19	20	18	14	14	18	15	15	16	18
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:42 Character, Cloudy
Moonrise:
Sunset: Time, 4:15 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

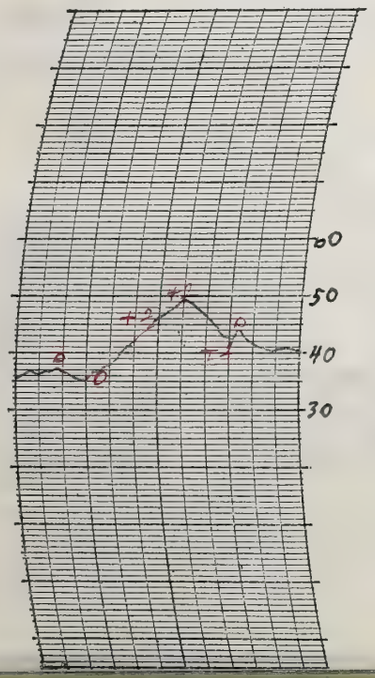
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	35	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.8 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 81
Prevailing wind direction, SW Total wind, 383
Average hourly velocity, 16.0 Extreme velocity, 29
Maximum velocity, 25 Direction, SW
Time began, 10:44 a. m.
Reduced barometer, 29.83 7 a. m. 29.64 7 p. m.
River gage, 3.2 feet
Relative humidity, 79 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 47.4 Wet temperature, 40.9
Dew-point, 33 R. humidity, 57 V. pressure, .187
Clouds: Amount, 2; Kind, ci; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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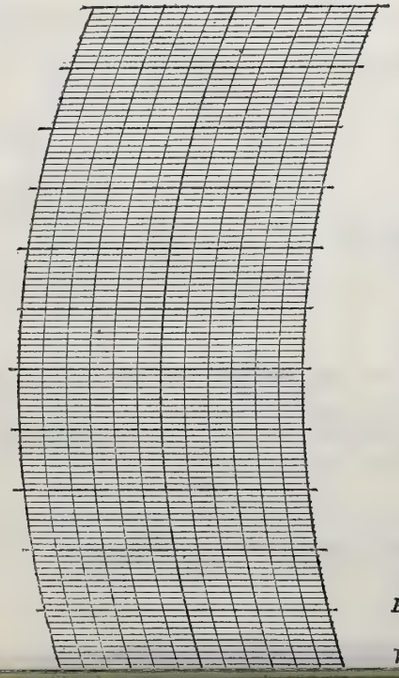
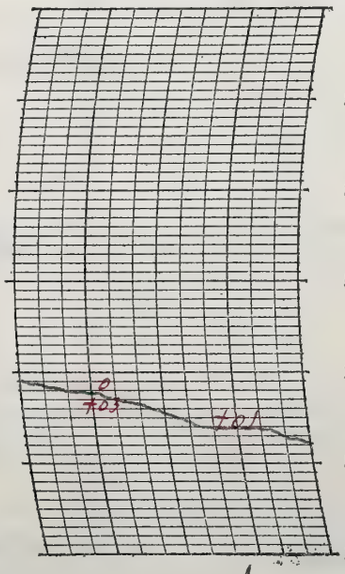


BAROGRAPH.



Prepared by C.F.
Verified by E.D.H.

NOTES

Cloudy and poor visibility in the early morning followed by mostly clear skies with a few high clouds during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Wednesday, (Date) NOV 27 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	38	38	39	39	40	40	41	42	42	43	43	43	42	39	35	33	33	33	30	30	27
State of weather: Nature of precipitation and time of beginning and ending		RB 0Na	RE 0Na			RB 5:50	RE 6:20											SN 5:50						M cont
Amounts of precipitation	←				0.2	→												T	T	←		0.6		→
Cloudiness and other conditions	←						→						←											→
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.4	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	NW	NW	NW	W	W	W	W
Wind movement	19	18	15	15	16	15	16	14	14	11	12	12	15	13	10	9	10	7	12	14	15	14	13	15

Cloudy

Sunrise: Time, 6.43 Character, Cloudy

Moonrise:

Sunset: Time, 4:15 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	27	35	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.8 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 4

Prevailing wind direction, SW Total wind, 324

Average hourly velocity, 13.5 Extreme velocity, 28

Maximum velocity, 24 Direction, NW

Time began, 11:51 a. m.

Reduced barometer, 29.44 7 a. m. 29.41 7 p. m.

River gage, 2.6 fall

Relative humidity, 87 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

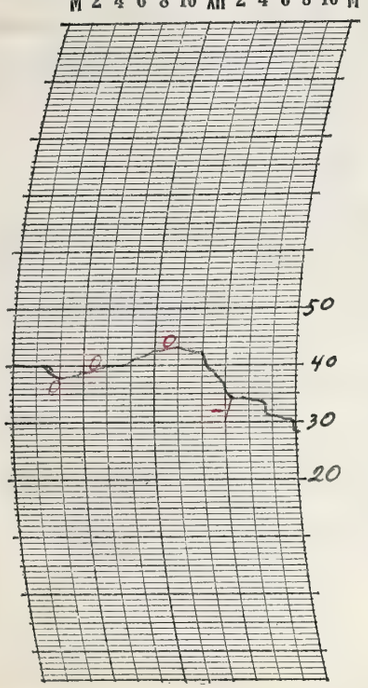
Dry temperature, 42.2 Wet temperature, 39.0

Dew-point, 35 R. humidity, 76 V. pressure, .203

Clouds: Amount, 10; Kind, stratus; Direction, NW

Velocity of clouds (miles per hour)

THERMOGRAPH



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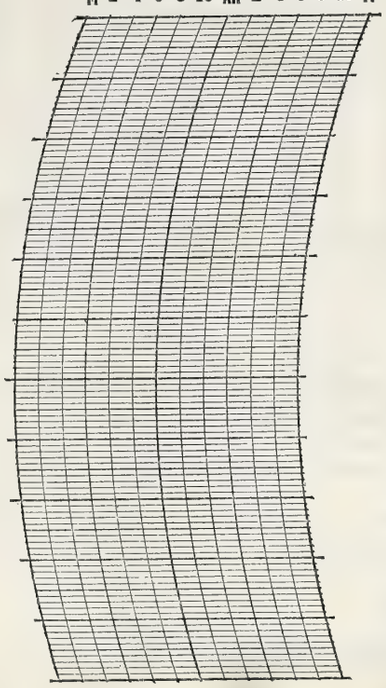
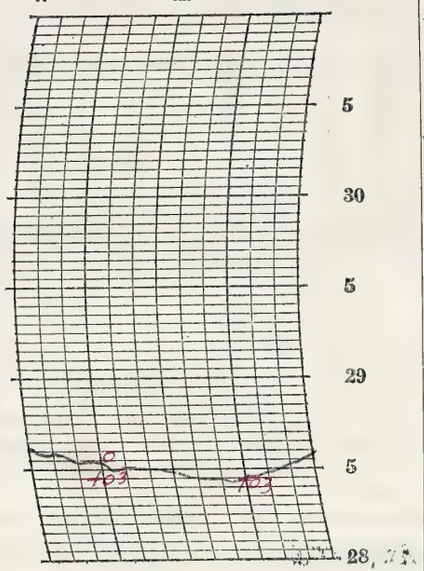


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cloudy moderate day. Some rain, and this was followed by snow which began at 5:50 p.m. and continued throughout the night. The temperature dropped during the early evening and the wet snow first melted then froze on the streets and by midnight they were in very bad condition.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 28 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	21	20	19	18	18	19	19	20	20	20
Nature of precipitation and time of beginning and ending	SM cont		SM E ON 2					SD B 7:50	SD E 8:15			
Amounts of precipitation	←			14	→			T	T			
Cloudiness and other conditions							←		Pt	Cloudy		
Sunshine (in tenths of hours)							0.27	0.2	0	0.8	1.0	1.0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	16	16	16	13	9	8	8	10	13	15	16

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	19	18	16	15	15	15	14	14	14	14
Nature of precipitation and time of beginning and ending												SD B 11:30 SD cont
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	14	13	11	8	7	7	9	8	9	7	11

State of weather: Pt Cloudy — x Cldy x Pt Cldy x Clear & Cldy

Sunrise: Time, 6:44 Character, Clear

Moonrise:

Sunset: Time, 4:15 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

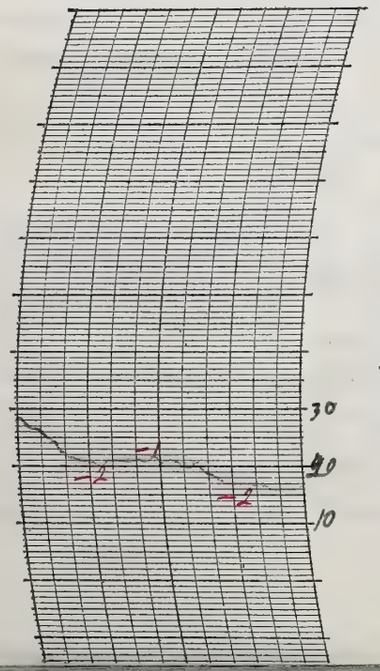
Maximum Temperature.	Minimum temperature.	Mean temperature.	Norms! temperature.
27	14	20	

Total depth of snow for 24 hours ending 7 p. m., 2.2 inches.
Snow, sleet, and hail on ground 7 p. m., 1.4 inches.
Total snowfall, midnight to midnight, 1.6 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.1 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 64
Prevailing wind direction, W Total wind, 276
Average hourly velocity, 11.5 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 1:02 pm
Reduced barometer, 29.71 7 a. m. 29.76 7 p. m.
River gage, 3.0 feet
Relative humidity, 84 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 19.6 Wet temperature, 17.1
Dew-point, 10 R. humidity, 63 V. pressure, .063
Clouds: Amount, 6; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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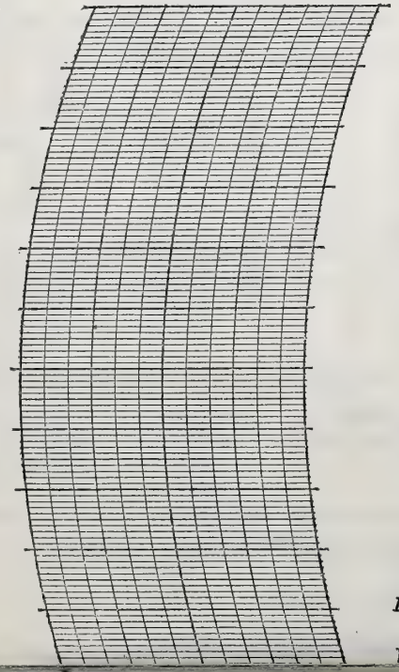
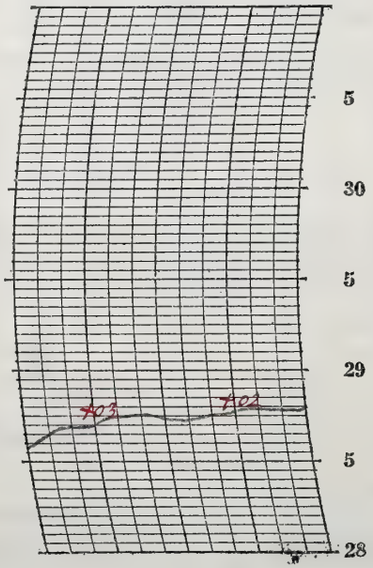


BAROGRAPH.



Prepared by

Verified by

NOTES

The day continued very cold - and 1.4 inches of snow continued on the ground. The snow blew around a great deal. The streets and paved roads were covered with ice and very slippery. Many minor accidents occurred. Sidewalks were very dangerous and slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 29 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	13	11	10	9	7	7	7	8	8	9	9	9	8	7	6	5	4	4	3	3	2	2	2
State of weather: Nature of precipitation and time of beginning and ending	S cont SDP 12:30																							
Amounts of precipitation	T																							
Cloudiness and other conditions						←						Clear												→
Sunshine (in tenths of hours)							0.25 0	0.9 0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.25 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	N	W	NW
Wind movement	12	13	14	14	14	15	13	13	13	14	18	20	19	17	18	15	12	10	9	10	11	10	11	10

Sunrise: Time, 6:45 Character, Clear
Moonrise:
Sunset: Time, 4:14 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

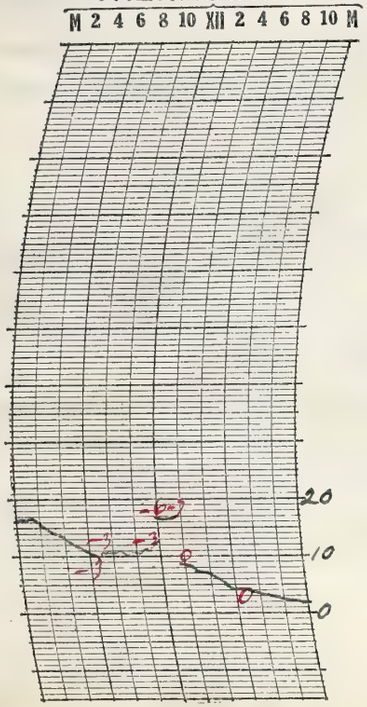
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
14	2	8	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 1.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 9.0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 95
Prevailing wind direction, W Total wind, 325
Average hourly velocity, 13.5 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 2:45 pm
Reduced barometer, 29.93 7 a. m. 30.14 7 p. m.
River gage, 2.6 feet
Relative humidity, 85 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 8.6 Wet temperature, 8.0
Dew-point, 6 R. humidity, 86 V. pressure, .052
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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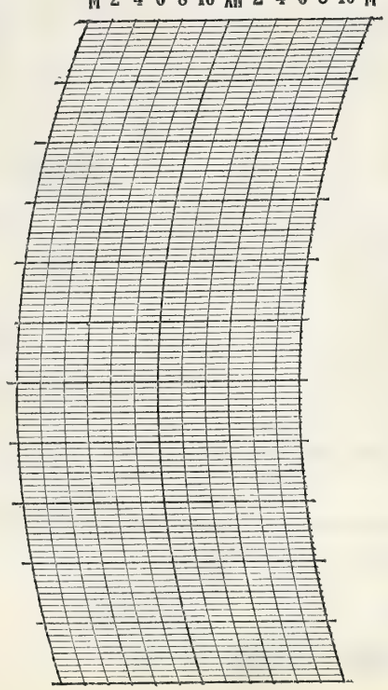
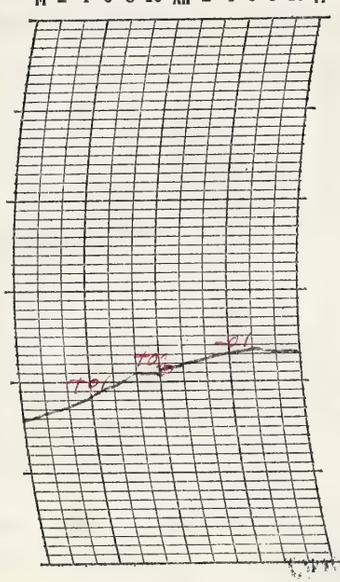


BAROGRAPH.



Prepared by [illegible]
Verified by E.H.

8—486

NOTES

Snow continued from the night of the 28th to 12.30 a.m. However it was very light and dry. Streets and sidewalks remain very dangerous - and in most cases are covered with snow and ice.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 30 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	1	0	0	0	0	0	1	3	6	9	11	12	14	14	14	13	12	11	10	10	9	9	9
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear												→
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0							
Wind direction	SW	W	W	W	W	SW	W	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	11	11	10	12	11	12	11	12	14	15	16	14	14	13	12	10	10	10	10	9	9	9	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6.46 Character, Clear
Moonrise:
Sunset: Time, 4.14 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

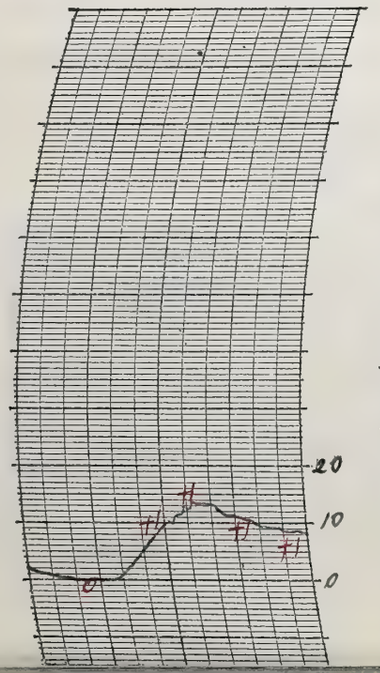
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	0	8	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 9.5 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 272
Average hourly velocity, 11.3 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 10.48 am
Reduced barometer, 30.20 7 a. m. 30.29 7 p. m.
River gage, 1.5 feet
Relative humidity, 93 7 a. m. 75 7 p. m.

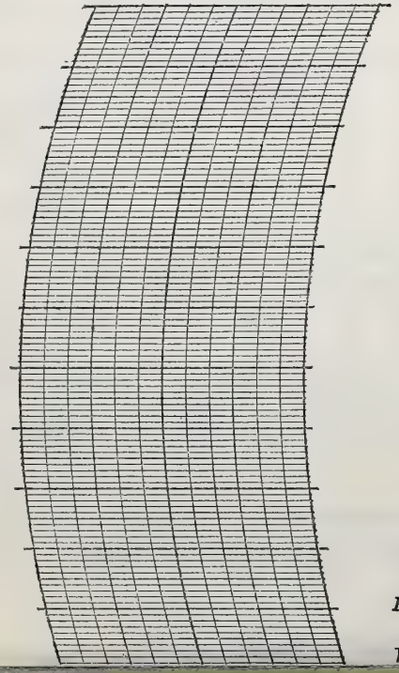
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 10.9 Wet temperature, 9.1
Dew-point, 2 R. humidity, 63 V. pressure, .042
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

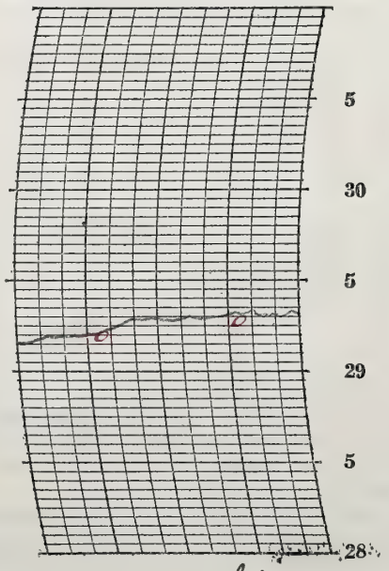
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.
Verified by E.S.H.

NOTES

The coldest November day of record occurred today when the temperature dropped to zero. Streets remained very slippery and sidewalks covered with ice and snow in many places. Roads leading in and out of the city were very slippery. A very cold day with few clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 1 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	11	12	14	16	17	19	19	21	23	24	26	25	25	25	25	25	25	25	25	25	25	25	25
					SDB DN2		SDB 6:20 SDB 6:55																SDE 10:30	
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					?	T	X			0.1		X			0.2				X			0.2		
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 6:47 Character, Cloudy																					Sunset: Time, 4:14 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	9	10	9	9	8	7	9	10	13	15	15	16	16	15	13	11	11	10	12	14	13	14	12	12
Maximum velocities (exceeding 2.4 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

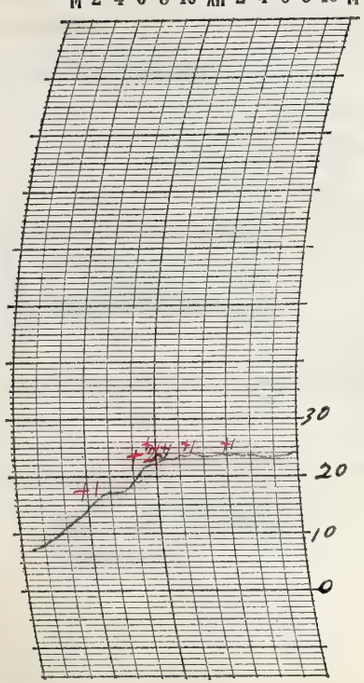
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	9	18	

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.
Snow, sleet, and hail on ground 7 p. m., 2.2 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 283
Average hourly velocity, 11.8 Extreme velocity, 19
Maximum velocity, 19 Direction, S
Time began, 12:59 P.M.
Reduced barometer, 30.20 7 a. m. 29.99 7 p. m.
River gage, 1.7 feet
Relative humidity, 74 7 a. m. 86 7 p. m.

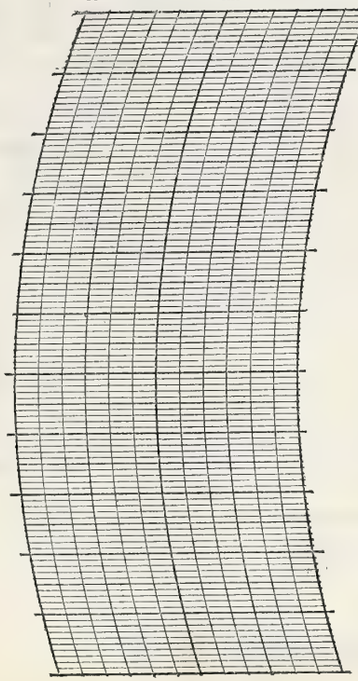
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.9 Wet temperature, 24.0
Dew-point, 20 R. humidity, 76 V. pressure, 1.03
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

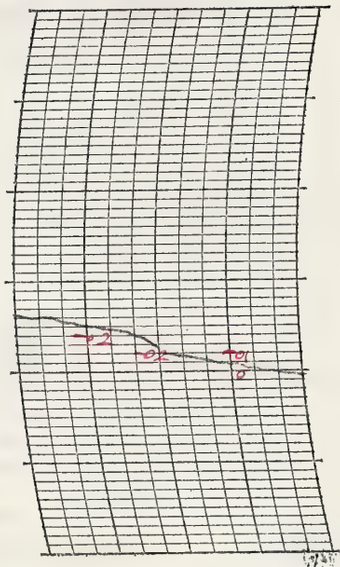
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.

Verified by E.Y.H.

8—486

NOTES

Sidewalks and streets remain ice and snow covered in many places and very slick. Street crossings are as a rule very slippery and bad. A light dry snow fell during the day and this fall on the already ice covered pavements and sidewalks made them more slippery than they have been.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 2 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	22	17	16	12	12	12	13	14	13	13
Nature of precipitation and time of beginning and ending		S DB DN2									S DB 10:30	
Amounts of precipitation				0.2			X				T	T
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)							0	0	0	0.3	0.8	0
Wind direction	SW	SW	W	W	W	W	W	W	W	SW	W	SW
Wind movement	12	13	12	15	12	13	10	10	12	10	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	12	13	12	12	13	13	13	13	12	11	11
Nature of precipitation and time of beginning and ending							S DE 6:30	S DB 7:15	S DE 8:30			
Amounts of precipitation			0.1					T	T			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	0	0	0	0							
Wind direction	W	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	11	11	11	10	11	11	12	11	10	10	10	9

Sunrise: Time, 6:48 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

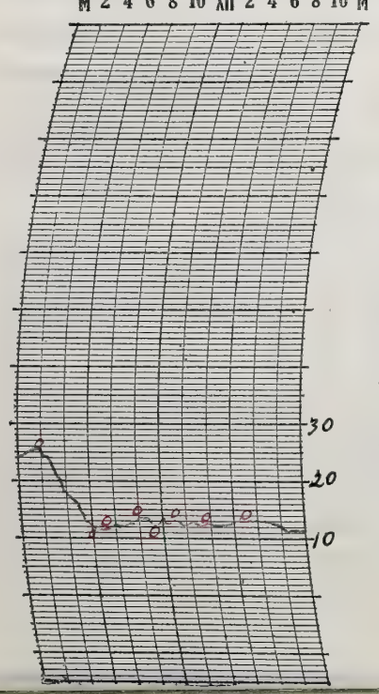
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	11	18	

Total depth of snow for 24 hours ending 7 p. m., 0.9 inches.
Snow, sleet, and hail on ground 7 p. m., 2.8 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., 0.4 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, 0.3 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 22
Prevailing wind direction, W Total wind, 271
Average hourly velocity, 11.3 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 3:01 a.m.
Reduced barometer, 30.03 7 a. m. 30.15 7 p. m.
River gage, 2.0 feet
Relative humidity, 84 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 12.9 Wet temperature, 12.0
Dew-point, 9 R. humidity, 83 V. pressure, 060
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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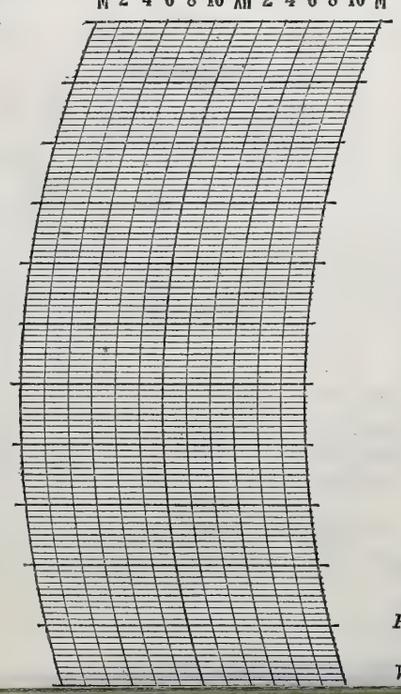
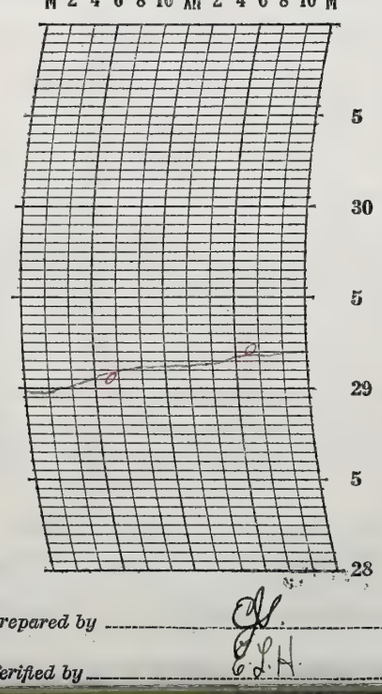


BAROGRAPH.



Prepared by G.
Verified by E.L.H.

NOTES

A light dry snow fell most of the day - and streets and sidewalks remain very slippery and dangerous - numerous auto accidents during the day and several persons were hurt due to fall on ice covered streets and sidewalks.

Form No. 1014—Met'l

Verified by E.L.H.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 3 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	9	9	8	8	7	7	6	9	11	12
Nature of precipitation and time of beginning and ending								SDB 7:10	SDE 8:30			
Amounts of precipitation								T				
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)							0	0	0	1.0	0.7	0.8
Wind direction	SW	SW	W	W	W	W	W	W	SW	SW	W	W
Wind movement	9	9	9	9	9	10	10	12	12	11	11	10

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	14	14	13	12	11	11	12	12	13	13	14
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0.9	0.9	0.4	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	14	10	11	11	9	13	13	12	9	12

State of weather.

Sunrise: Time, 6:49 Character, Cloudy

Moonrise:

Sunset: Time, 4:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	5	10	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 2.6 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.7 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 50

Prevailing wind direction, SW Total wind, 260

Average hourly velocity, 10.8 Extreme velocity, 19

Maximum velocity, 17 Direction, SW

Time began, 1:20 pm

Reduced barometer, 30.21 7 a. m., 30.16 7 p. m.

River gage, 2.2 feet

Relative humidity, 85 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

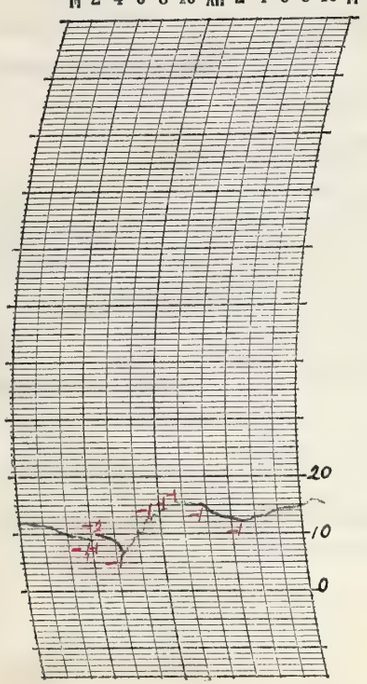
Dry temperature, 11.9 Wet temperature, 10.6

Dew-point, 0 R. humidity, 74 V. pressure, 0.52

Clouds: Amount, 8; Kind, Strat. cu; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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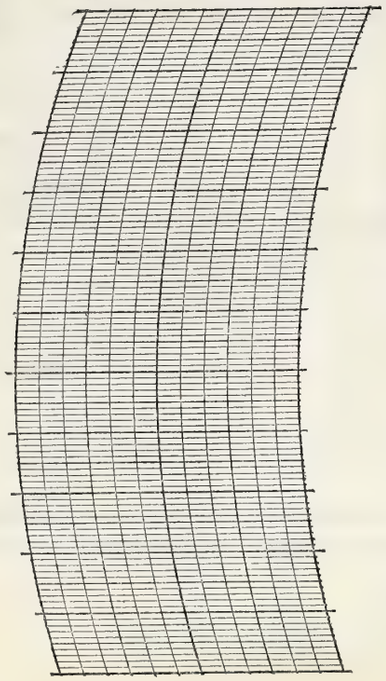
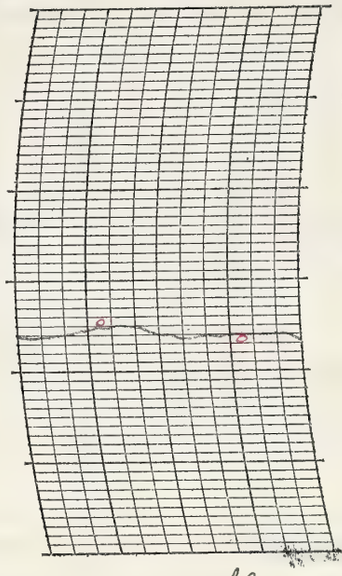


BAROGRAPH.



Prepared by CS

Verified by E.L.H.

8—486

NOTES

Streets were slippery and are covered in many places. A cold mostly cloudy morning followed by mostly clear for a short period in the afternoon - but mostly cloudy again by night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 4 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	14	12	11	11	10	11	12	13	15	18	20
State of weather: Nature of precipitation and time of beginning and ending							SDB 6:30 SDE 6:40	SDB 7:10 SDE 7:25		SDB 9:00	SDE 10:40	
Amounts of precipitation							T	T		T	T	
Cloudiness and other conditions						← Cloudy						
Sunrise: Time, 6:50 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	8	8	8	7	9	9	10	10	9	12
Maximum velocities (exceeding ____ miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	23	24	23	23	24	25	25	25	25	26	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			× pt cldy	× cldy	× pt cldy	× Clear						
Sunrise: Time, Character,												
Moonrise:												
Sunshine (in tenths of hours)	0.9	1.0	1.0	0.7 0.3	0.22 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	14	16	13	14	15	16	17	16	15	16	14
Maximum velocities (exceeding ____ miles) direction and time												

Sunset: Time, 4:13 Character, Clear

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	10	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 44
Prevailing wind direction, SW Total wind, 288
Average hourly velocity, 12.0 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 7:35 p.m.
Reduced barometer, 30.18 7 a. m. 29.97 7 p. m.
River gage, 2.0 feet
Relative humidity, 92 7 a. m. 75 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

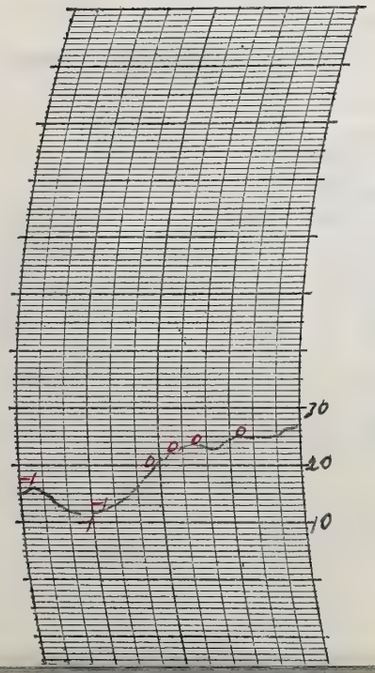
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 19.6 Wet temperature, 18.0
Dew-point, 14 R. humidity, 76 V. pressure, .077
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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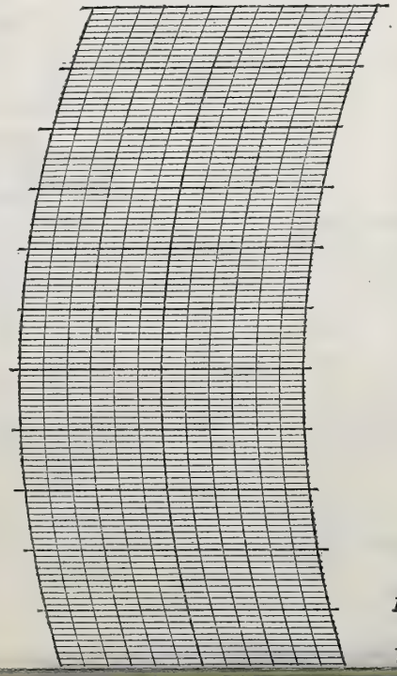
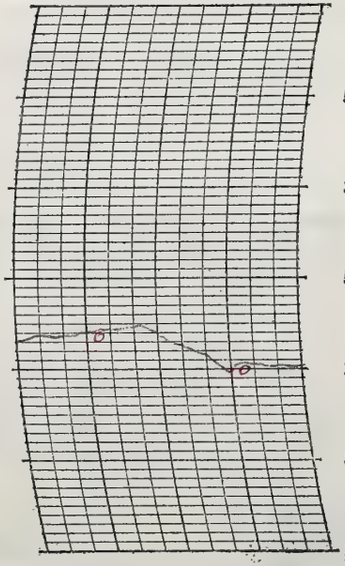


BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

NOTES

Solar halo observed at 3:40 p.m.
A cloudy, threatening day with snow flurries in the morning. Mostly clear at night. Some ice remains on streets & sidewalks remain slippery in many down-town sections.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 5 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	27	27	28	28	27	27	31	34	40	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunrise: Time, Character, 6:51 Clear												
Moonrise:												
Sunshine (in tenths of hours)							0.15 0	1.0 0	0.3 0.7	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	12	12	12	15	14	12	10	10	13	13	13
Maximum velocities (exceeding 2 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	47	45	43	42	41	40	38	37	36	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, 4:13 Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	0.22 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SWS
Wind movement	14	13	13	14	11	8	8	8	10	7	5	8
Maximum velocities (exceeding 2 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	27	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 1.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 269

Average hourly velocity, 11.2 Extreme velocity, 20

Maximum velocity, 19 Direction, SW

Time began, 11:34 am ~~pm~~

Reduced barometer, 29.99 7 a. m. 29.91 7 p. m.

River gage, 1.7 feet

Relative humidity, 94 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

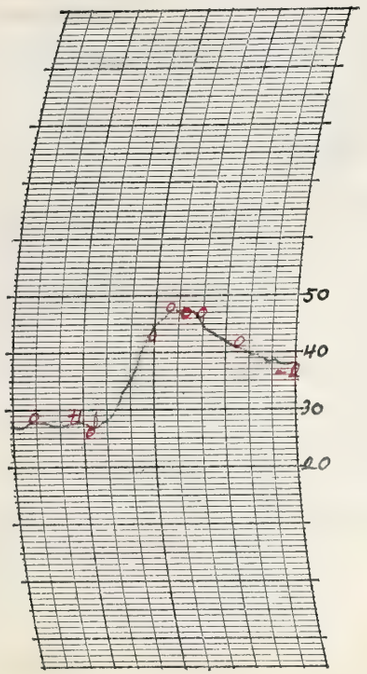
Dry temperature, 42.9 Wet temperature, 32.2

Dew-point, 30 R. humidity, 58 V. pressure, .164

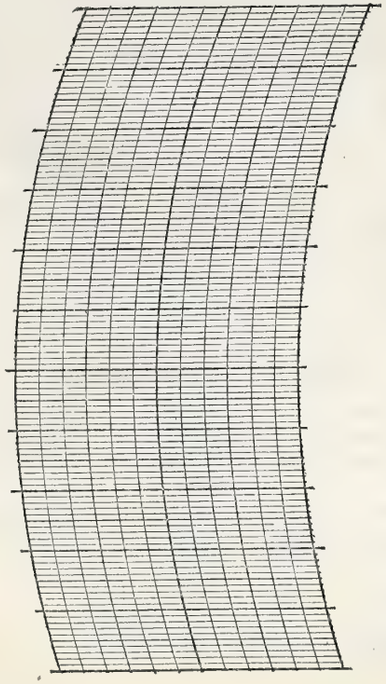
Clouds: Amount, 1; Kind, Ci; Direction NW

Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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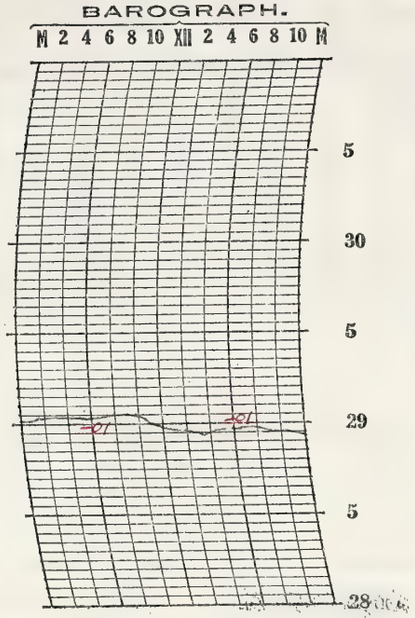


Prepared by [illegible]

Verified by E. A. H.

8—486

NOTES

A mostly clear warm day after a cool morning. Ice and snow melted and water ran in the storm drains. However the streets remained covered with ice and were again very slippery after sun set (in most places).

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 6 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	37	37	37	37	38	39	40	43	45	47	49	50	49	47	46	43	42	41	39	38	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							←				Cloudy								X Pt Cldy				→	
Sunshine (in tenths of hours)							0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	0.4	0							
Wind direction	S	S	S	SW	SW	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	7	7	8	7	8	8	11	12	13	13	12	13	8	9	9	8	6	7	8	6	8	7

Sunrise: Time, 6:52 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Maximum velocities (exceeding ____ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

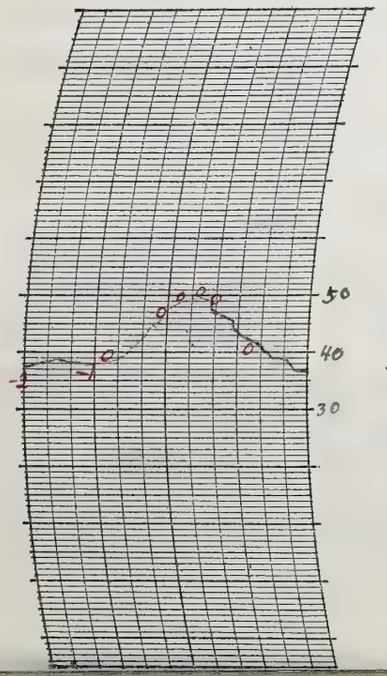
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	36	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, 9
Average daily cloudiness (0-10),
Actual sunshine, hours, 5.9 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind, 212
Average hourly velocity, 8.8 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 1:15 p.m.
Reduced barometer, 29.81 7 a. m. 29.81 7 p. m.
River gage, 2.0 feet
Relative humidity, 75 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.9 Wet temperature, 41.2
Dew-point, 36 R. humidity, 65 V. pressure, .211
Clouds: Amount, 3; Kind, Cirr; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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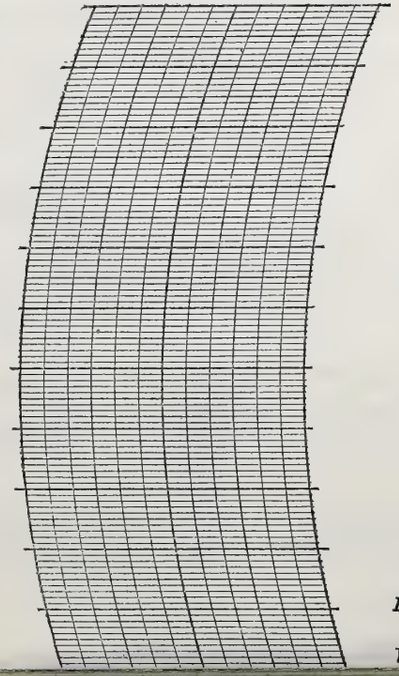
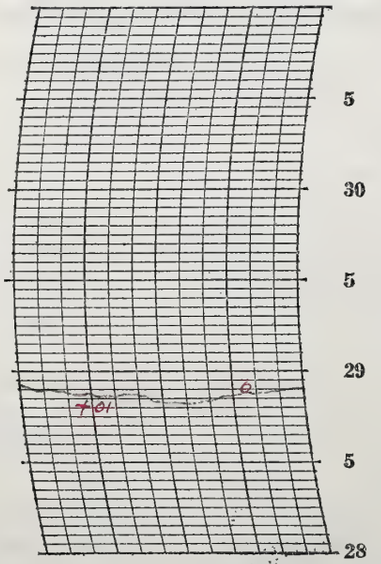


BAROGRAPH.



Prepared by

Verified by

NOTES

A cloudy warm day, the clouds mostly high clouds and the sun shone through them at times. The snow and ice continued to melt, but still a great deal of ice on the south and west side of streets and sidewalks.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 7 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	33	33	33	32	31	32	32	34 RB 10:48	34	34	34	34	34	34	34	34	34 RE 8:00p	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending																44				XT				
Amounts of precipitation																								
Cloudiness and other conditions						← D.Fg		X	LT Fg →				Cloudy											→
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	E	E	E	E	NE	NE	NE	NE	NE	N	NW	NW	W	W	W	W	W
Wind movement	7	5	4	4	3	2	2	4	5	8	7	6	8	8	9	9	5	5	5	7	8	12	10	10

Sunrise: Time, 6:53 Character, Foggy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Maximum velocities (exceeding ____ miles) direction and time:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

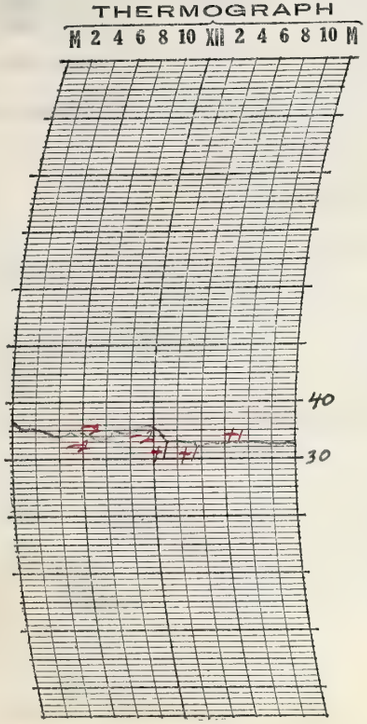
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	31	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .44 ins.
Total precipitation, midnight to midnight, .44 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 153
Average hourly velocity, 6.4 Extreme velocity, 15
Maximum velocity, 14 Direction, W
Time began, 9:01 p.m.
Reduced barometer, 29.86 7 a. m. 29.69 7 p. m.
River gage, 2.0 feet
Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.1 Wet temperature, 34.0
Dew-point, 34 R. humidity, 99 V. pressure, .195
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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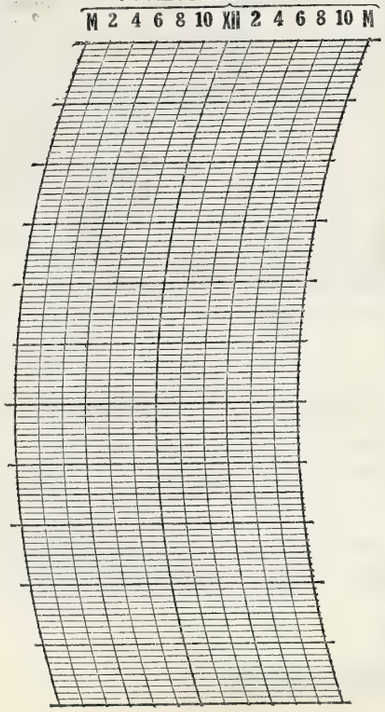
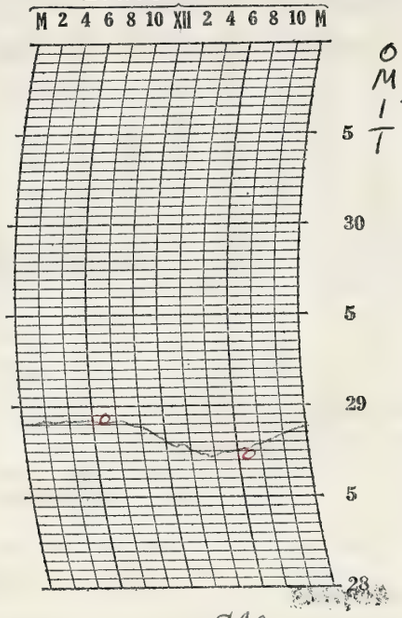


BAROGRAPH.



Prepared by [illegible]
Verified by E.S.H.

8—486

NOTES

~~A cloudy cold day with a few very light snow flurries. Most streets and sidewalks free of ice, but some glaze on a few side streets and sidewalks.~~ Note for the 8 AM

Cloudy threatening morning followed by rain from 10:48 a m until after the P.M. observation. Most of the snow and ice melted off the sidewalks and the streets. Streets dried after the rain stopped and before it froze, on most streets. However, a glaze did form on some side streets.

Dense fog began 5:20 a m ended 7:45 a m
Light fog began 7:45 a m ended 10:00 a m

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 8 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	28	27	27	27	27	28	29	29	30
State of weather: Nature of precipitation and time of beginning and ending											S B 10:50 S D E 10:54	
Amounts of precipitation											T	
Cloudiness and other conditions						← Cloudy						
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	NW	NW	W	W	SW	SW	SW	SW
Wind movement	11	11	12	10	7	5	5	5	6	6	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	33	33	33	32	30	30	30	29	29	29	29
State of weather: Nature of precipitation and time of beginning and ending			S M B 2:10 S M E 2:50									
Amounts of precipitation			T									
Cloudiness and other conditions												← Cloudy
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW
Wind movement	10	12	9	8	9	8	5	7	6	5	6	4

Sunrise: Time, 6:54 Character, Cloudy

Moonrise:

Sunset: Time, 4:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding 84 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	27	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 183

Average hourly velocity, 7.2 Extreme velocity, 14

Maximum velocity, 14 Direction, W

Time began, 2:58 a.m.

Reduced barometer, 30.00 7 a. m. 30.15 7 p. m.

River gage, 2.7 feet

Relative humidity, 81 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

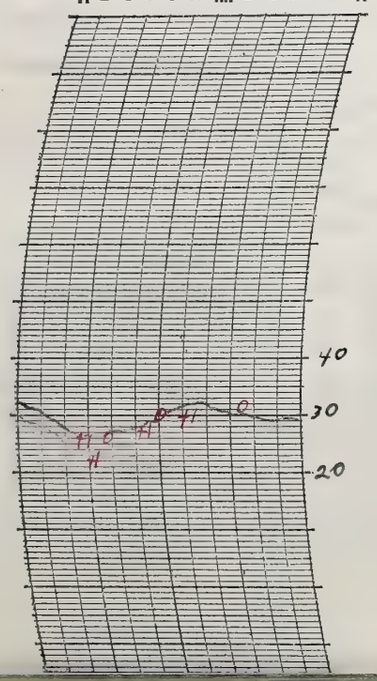
Dry temperature, 29.8 Wet temperature, 28.8

Dew-point, 27 R. humidity, 89 V. pressure, .143

Clouds: Amount, 10; Kind, st; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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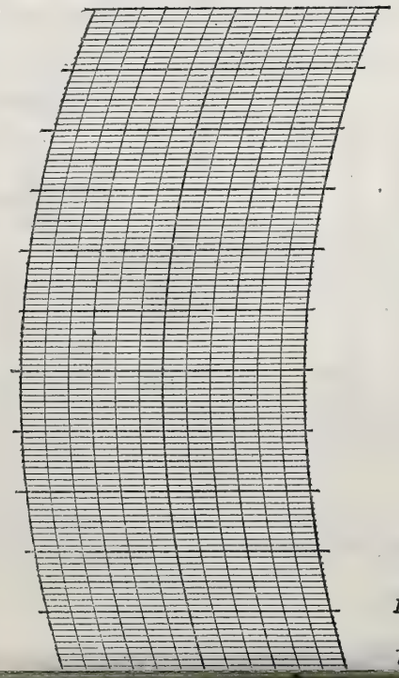
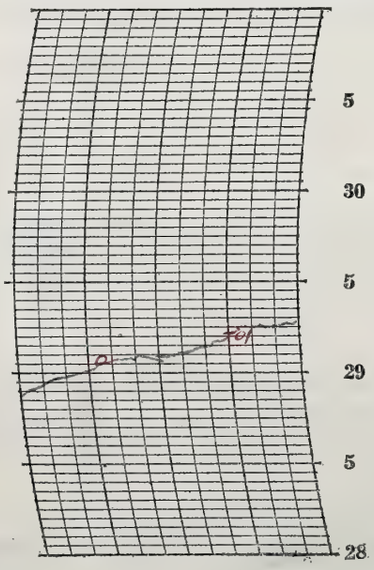


BAROGRAPH.



Prepared by EJS

Verified by EJH

NOTES

a Cloudy, cold day, with a few very light snow flurries. Most streets and side walks free of ice, but some glaze on a few side streets and sidewalks

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 9 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	28	28	28	28	28	29	32	34	35	35	36	36	35	34	34	34	34	34	33	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Cloudy												→
Sunshine (in tenths of hours)							0	0	0	0.2	0.5	0.5	0.7	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	W	E	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	S	SE
Wind movement	4	4	3	3	3	2	3	4	4	5	4	5	5	6	6	5	5	4	4	4	4	3	3	3

Sunrise: Time, 6:55 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

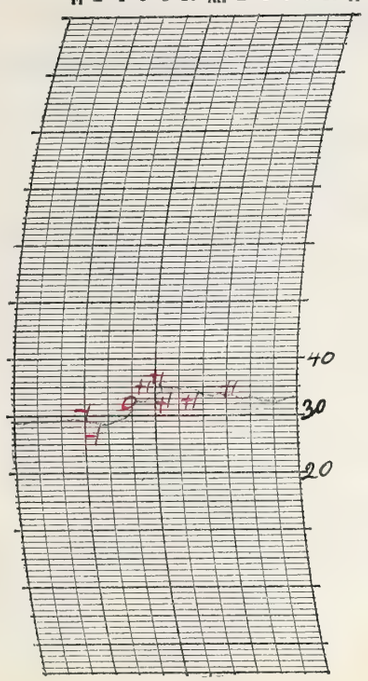
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.9 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 20
Prevailing wind direction, E Total wind, 96
Average hourly velocity, 7.0 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 3:53 p.m.
Reduced barometer, 30.30 7 a. m. 30.29 7 p. m.
River gage, 3.7 feet
Relative humidity, 82 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.9 Wet temperature, 31.7
Dew-point, 27 R. humidity, 71 V. pressure, .143
Clouds: Amount, 8; Kind, stcu; Direction, SE
Velocity of clouds (miles per hour)

THERMOGRAPH



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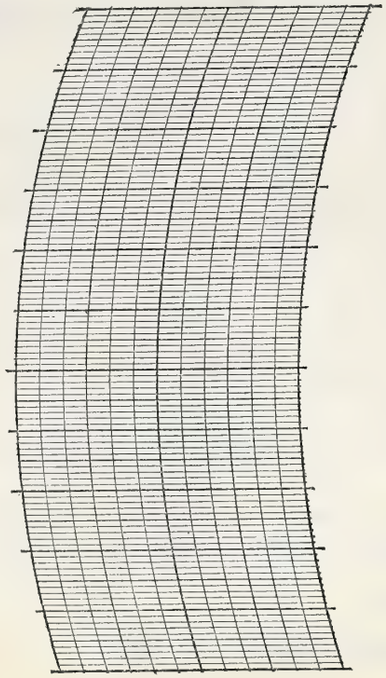
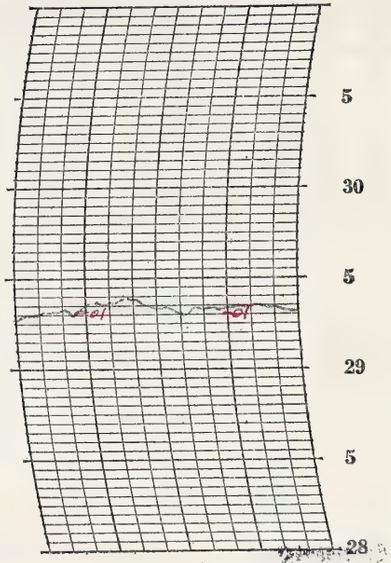


BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—436

NOTES

Cloudy day, however the sun shone through high clouds for a short period near the middle of the day. Nearly all streets and sidewalks were free of ice.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 1 0 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	32	32	32	32	32	32	32	33	34	35	36	35	36	37	36	35	35	34	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending					RB 0N2			RE 7:40											RB 6:10 RE 6:20		RB 8:15 RE 8:30			
Amounts of precipitation					T	T	T	T											T		T			
Cloudiness and other conditions								Lt Fog	Dense fog	Lt Fog	Cloudy													
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	NW	NE	N	N	N	NE	SE	SE	SE	S	SW	WS		SW	W	N	N	N	NE	NE	E	E
Wind movement	4	3	2	3	2	2	2	3	3	4	3	4	4	3	4	4	3	4	5	6	6	6	6	5
Maximum velocities (exceeding ___ miles) direction and time																								

Sunrise: Time, 6:55 Character, Cloudy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

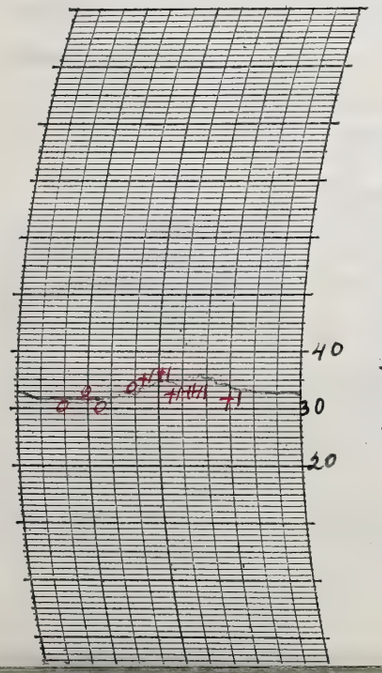
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	32	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 91
Average hourly velocity, 3.8 Extreme velocity, 9
Maximum velocity, 9 Direction, NE
Time began, 9:46 p.m.
Reduced barometer, 30.29 7 a. m., 30.26 7 p. m.
River gage, 3.2 feet
Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.6 Wet temperature, 34.3
Dew-point, 32 R. humidity, 88 V. pressure, 180
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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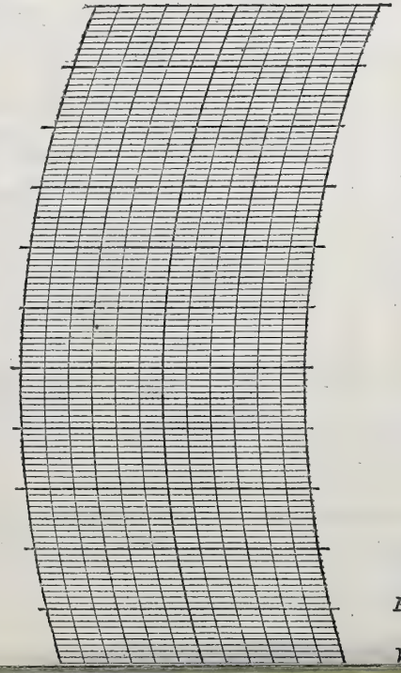
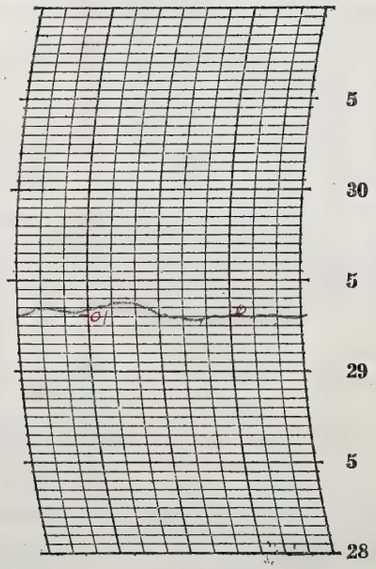


BAROGRAPH.



Prepared by [signature]

Verified by [signature]

NOTES

The light mist in the early morning froze and formed a thin and very slick coat of ice on the streets and sidewalks. The condition was very bad from 5:30 a.m. until about 8:10 a.m.

Light fog began 7:05 a.m. ended 7:40 a.m.
Dense fog began 7:40 a.m. ended 8:50 a.m.
Light fog began 8:50 a.m. ended 11:00 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 11 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	32	32	32	32	31	31	31	30	30	30	31	31	31	31	31	30	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:15 RE 6:25		RB 8:15			R cont
Amounts of precipitation																			T			04		
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	5	7	9	9	11	12	11	11	13	13	13	15	16	10	16	16	16	16	15	15	14	15	14	12

Cloudy

Sunrise: Time, 6:56 Character, Cloudy
Moonrise:

Sunset: Time, 4:13 Character, Cloudy
Moonset:

Maximum velocities (exceeding 2 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

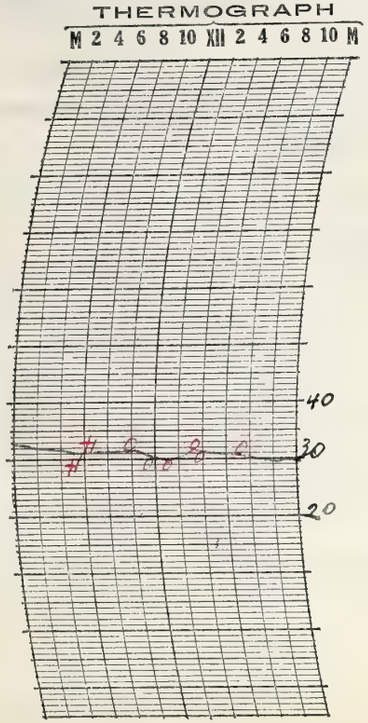
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	30	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.4 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 310
Average hourly velocity, 12.9 Extreme velocity, 23
Maximum velocity, 21 Direction, E
Time began, 1:31 p. m.
Reduced barometer, 30.29 7 a. m. 30.30 7 p. m.
River gage, 3.0 feet
Relative humidity, 79 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.4 Wet temperature, 29.0
Dew-point, 27 R. humidity, 85 V. pressure, 1.143
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



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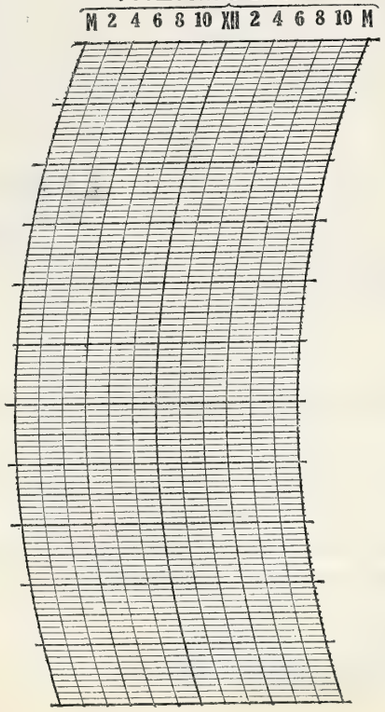
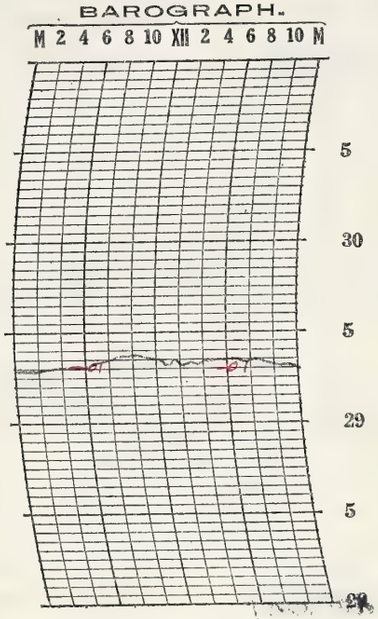


BAROGRAPH.



Prepared by CH
Verified by EDH

8—486

NOTES

Cloudy threatening day. Streets dry and free of ice until evening. Rain began to fall at 8:15 p.m. and froze as it fell. The streets became covered with a thin coating of ice by 9.00 p.m. and were very slippery from that time on. Sidewalks were also slippery from 9:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 12 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	30	30	30	31	31	32	32	33	34	34
State of weather: Nature of precipitation and time of beginning and ending	R Cont					RE 5:50		RB 7:03				
Amounts of precipitation			0.7									
Cloudiness and other conditions				3							Dense Fog	
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	12	11	9	7	7	8	6	4	6	5	5	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	38	40	43	43	48	51	54	55	55	52	49
State of weather: Nature of precipitation and time of beginning and ending			RE 2:30						RB 8:40			R Cont
Amounts of precipitation		.10									.10	
Cloudiness and other conditions		Fog										
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	SE	SE	SE	S	SW	SW	SW	SW
Wind movement	4	3	1	3	1	3	6	6	8	10	9	9

Maximum velocities (exceeding ____ miles) direction and time: X

Sunrise: Time, 6:57 Character, Foggy
Moonrise:

Sunset: Time, 4:13 Character, Foggy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

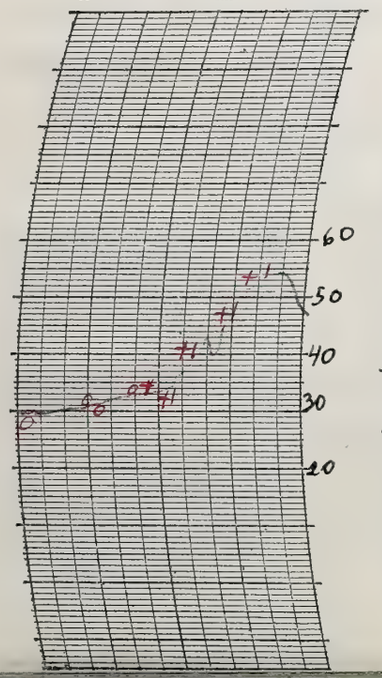
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	29	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.11 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 148
Average hourly velocity, 6.2 Extreme velocity, 18
Maximum velocity, 17 Direction, E
Time began, 12:43 a.m.
Reduced barometer, 30.13 7 a. m. 30.04 7 p. m.
River gage, 3.5 feet
Relative humidity, 98 7 a. m. 100 7 p. m.

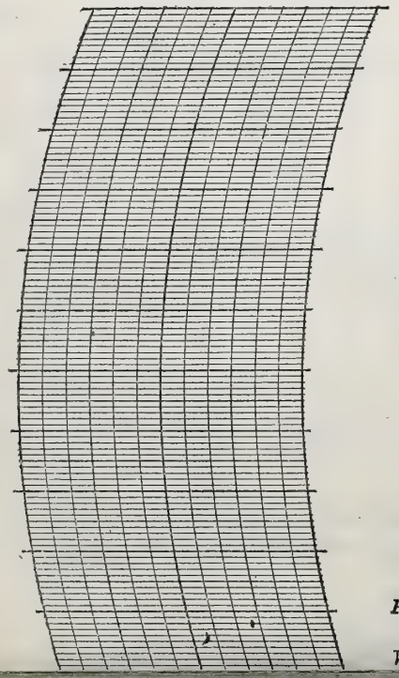
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.3 Wet temperature, 34.1
Dew-point, 34 R. humidity, 98 V. pressure, .195
Clouds: Amount, 10; Kind, O.F.Og; Direction, 3
Velocity of clouds (miles per hour)

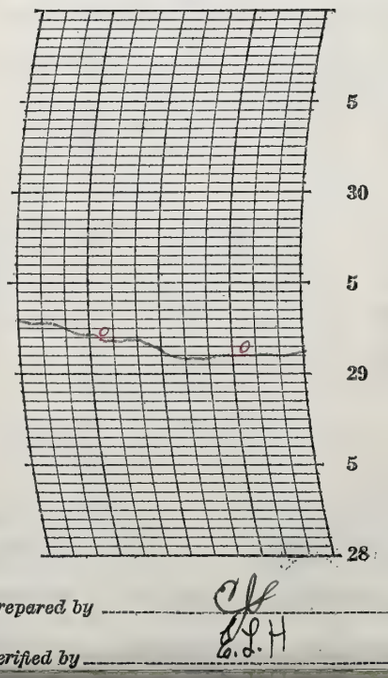
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H

NOTES

The light rain continued during the night until 5:50 a.m. and again from 7:03 a.m. until 2:30 p.m. The streets were very slippery until 9:00 a.m. when the ice began to thaw just a little on well used streets. Side streets, as a rule, continued slippery. At 6:00 a.m. there was ⅛ of an inch of ice on the "slut wire" and it fell off at 9:10 a.m. Dense fog continued all day; it became very "thick" at 3:30 p.m. and the visibility ranged from 50 to 100 feet from that time until about 9:00 p.m. when it lifted slightly. Many accidents occurred during the late afternoon and at night caused by the fog.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Friday, (Date) DEC 13 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	45	44	44	44	45	45	47	48	51	55	57
	R Cont			RE DN2		RB 3:40					RE 10:20	RB 11:20 RE 11:50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation				19				05		02	T	01
Cloudiness and other conditions						Dense Fog					Lt Fog	Cloudy
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	W	SW	SW	SW	W	SW	NW	SW	SW	SW
Wind movement	7	8	7	7	6	5	3	3	2	2	8	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	58	57	56	52	51	48	46	45	44	42
			RB 2:25		RE 4:30							
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T	01	T							
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	11	14	16	12	8	4	5	6	8	6	6	7

Sunrise: Time, 6:58 Character, Foggy
Moonrise:
Sunset: Time, 4:13 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

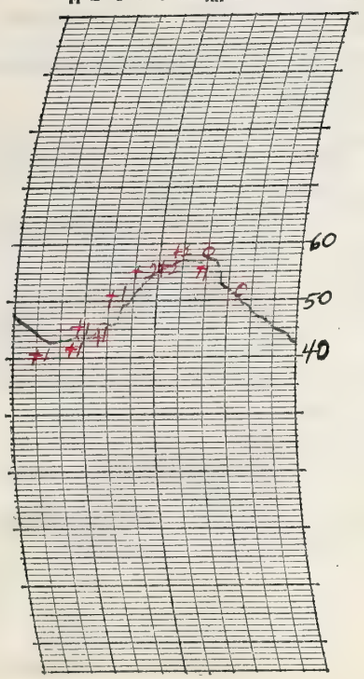
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .29 ins.; to 7 p. m., 1.0 ins.
Total precipitation, midnight to midnight, 2.9 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 177
Average hourly velocity, 7.4 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 1:37 p.m.
Reduced barometer, 30.07 7 a. m., 30.08 7 p. m.
River gage, 4.0 fee
Relative humidity, 98 7 a. m. 97 7 p. m.

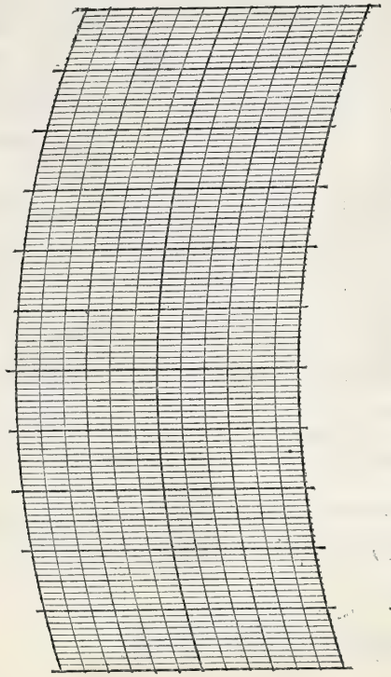
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.0 Wet temperature, 56.2
Dew-point, 55 R. humidity, 95 V. pressure, .432
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

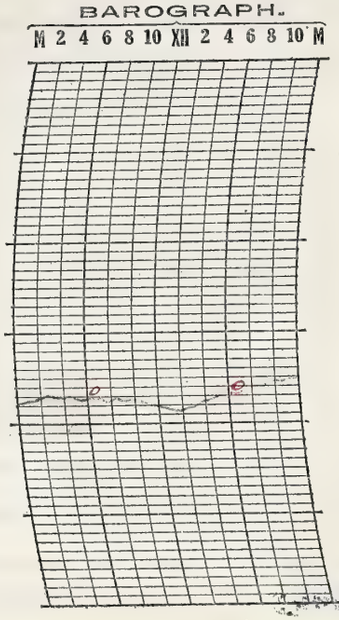
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by EGH.

8—486

NOTES

The dense fog continued from the 12th and was very "thick" from 6:30 a.m. until 9:20 a.m. when it became light fog. Ice had left the streets and sidewalks during the night of the 12th

Thunder first heard in SW at 7:40 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 1 4 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	38	37	36	36	36	35	35	35	35	36
State of weather: Nature of precipitation and time of beginning and ending			RB DNa	RE DNa						RB 9:30 RE 9:45		
Amounts of precipitation			T	T						T		
Cloudiness and other conditions											Cloudy	
Sunrise: Time, 6:58 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	6	9	6	8	8	4	4	4	5	2	3	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	37	37	37	38	37	37	36	36	36
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, 4:13 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	SE	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	2	4	6	7	6	8	9	9	11	8	10

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

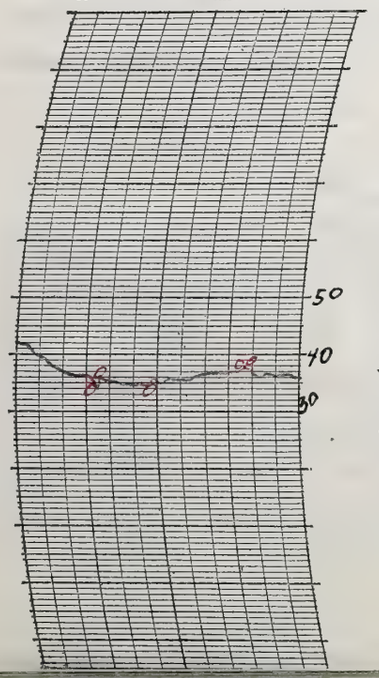
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	34	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 144
Average hourly velocity, 6.0 Extreme velocity, 15
Maximum velocity, 14 Direction, SW
Time began, 8:45 pm
Reduced barometer, 30.28 7 a. m. 30.21 7 p. m.
River gage, 9.9 feet
Relative humidity, 95 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 35.6 Wet temperature, 35.0
Dew-point, 34 R. humidity, 94 V. pressure, .195
Clouds: Amount, 10 10; Kind, St Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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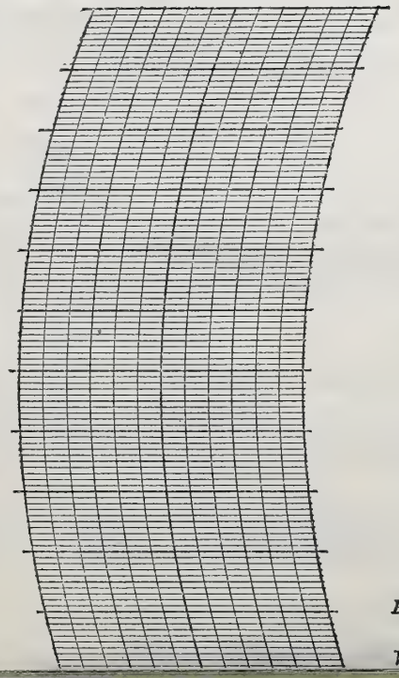
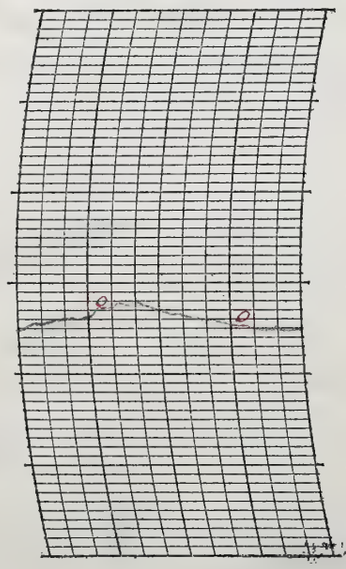


BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

A Cloudy Threatening day with some light mist Very poor visibility during the day and at night.

Form No. 1014--Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 15 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	36	36	35	35	34	34	34	34	34	35	36	35	35	36	35	35	35	35	34	34	34	34
							BB 6:30	BE 7:30										BB 5:00		BE 7:30				
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	T										T	T	T				
Cloudiness and other conditions							← Cloudy →																	
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	W	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NE	E	E	ENE	NE
Wind movement	10	8	9	11	8	10	6	4	4	6	6	4	2	4	3	3	5	5	6	9	7	7	6	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:59 Character, Cloudy
Moonrise:

Sunset: Time, 4:14 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

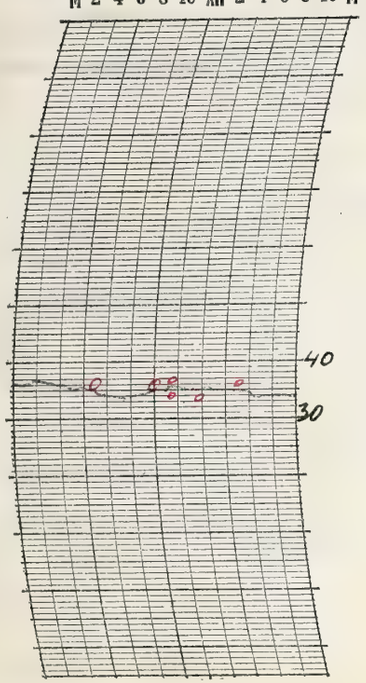
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	34	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 7:19 pm
Reduced barometer, 30.14 7 a. m., 30.25 7 p. m.
River gage, 10.0 feet
Relative humidity, 96 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.9 Wet temperature, 34.2
Dew-point, 34 R. humidity, 93 V. pressure, .195
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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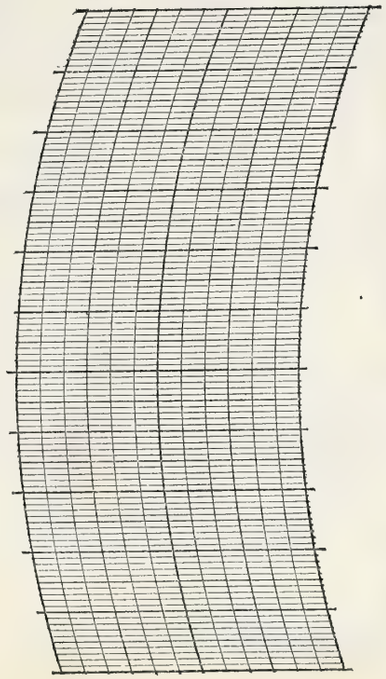
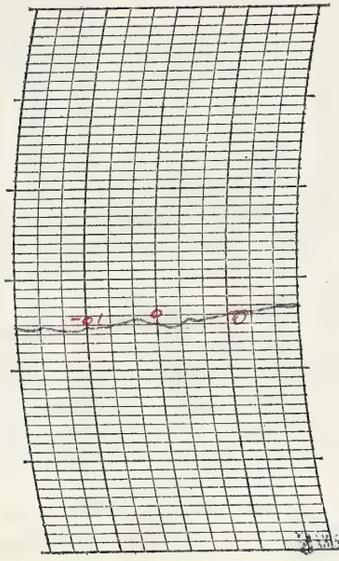


BAROGRAPH.



Prepared by J.H.
Verified by E.L.H.

8—456

NOTES

a cloudy, misty day - poor visibility conditions poor for flying and none done from the local fields.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 16 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	31	31	31	30	31	31	32	33	33
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30				RE 10:30	
Amounts of precipitation							T	T	T	T	T	
Cloudiness and other conditions							Cloudy					
Sunrise: Time, 7:00 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	NE	E	E	E	E	E	E	E	E	E
Wind movement	9	9	9	8	7	6	7	7	7	8	8	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	35	34	34	34	34	34	34	34	34	35
State of weather: Nature of precipitation and time of beginning and ending							RB 6:40					R cont
Amounts of precipitation							T			.45		
Cloudiness and other conditions												
Sunset: Time, 4:14 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	6	5	7	8	8	8	8	7	9	9	10	8

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	30	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 10:02 p.m.
Reduced barometer, 30.32 7 a. m., 30.14 7 p. m.
River gage, 10.5 feet
Relative humidity, 98 7 a. m. 97 7 p. m.

Maximum velocities (exceeding 24 miles) direction and time

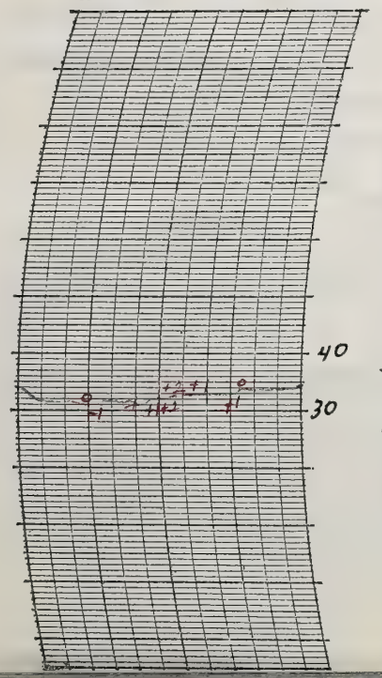
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

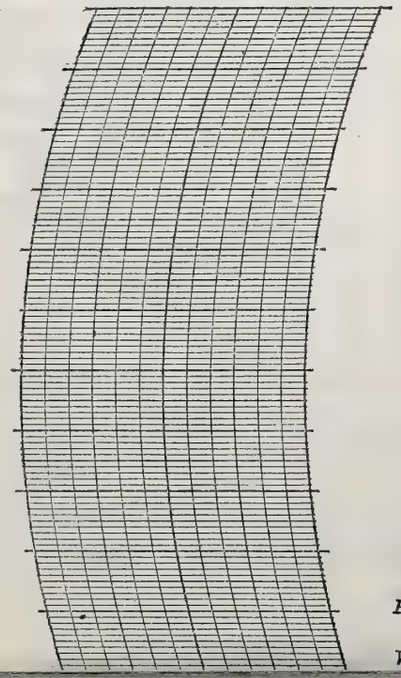
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 33.0 Wet temperature, 32.1
Dew-point, 31 R. humidity, 91 V. pressure, .122
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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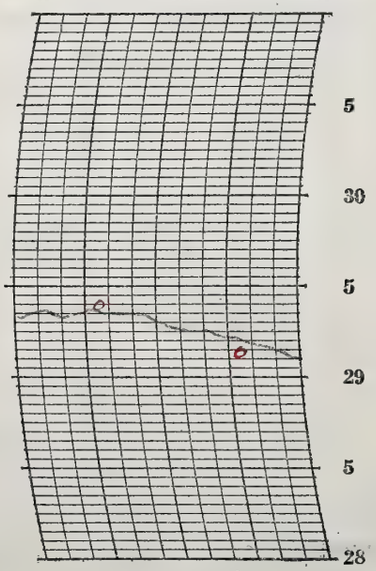


Prepared by CJS

Verified by E.S.H.

NOTES

A cloudy day with some light rain. A heavy rain began at 6:40 p.m. and continued, visibility very poor.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) DEC 17 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	35	36	37	37	39	41	41
	R cont										RE 10:50	
Nature of precipitation and time of beginning and ending												
Amounts of precipitation				.71								
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	E	E	NE	NE	NE	E	E	E	E	E	E	NW
Wind movement	7	7	6	6	5	3	3	1	2	1	3	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	37	36	36	35	34	33	33	33	32
		RB 1:05										R cont
Nature of precipitation and time of beginning and ending												
Amounts of precipitation		.10								.02		
Cloudiness and other conditions		Cloudy										
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	N	N	N	N	N	N	N	NE	N
Wind movement	5	7	5	6	6	7	6	7	7	8	8	9

Sunrise: Time, 7:01 Character, Cloudy

Moonrise:

Sunset: Time, 4:14 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	32	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 1.16 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .83 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, N Total wind, 130

Average hourly velocity, 5.4 Extreme velocity, 13

Maximum velocity, 13 Direction, NE

Time began, 10:49 p.m.

Reduced barometer, 29.92 7 a. m., 29.84 7 p. m.

River gage, 12.0 fall

Relative humidity, 100 7 a. m. 98 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

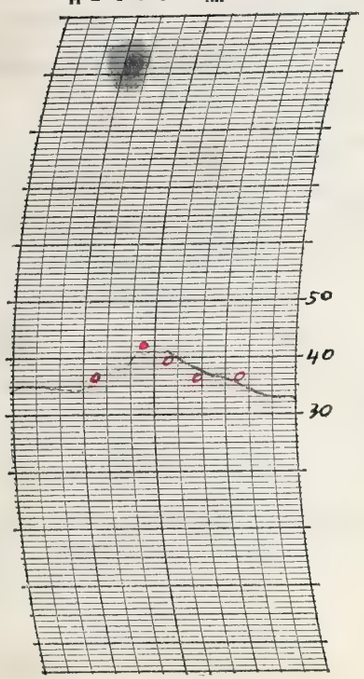
Dry temperature, 41.2 Wet temperature, 41.0

Dew-point, 41 R. humidity, 98 V. pressure, .256

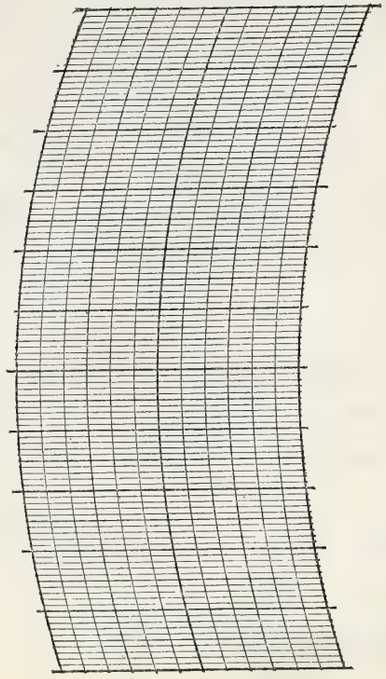
Clouds: Amount, 10; Kind, st; Direction, N

Velocity of clouds (miles per hour)

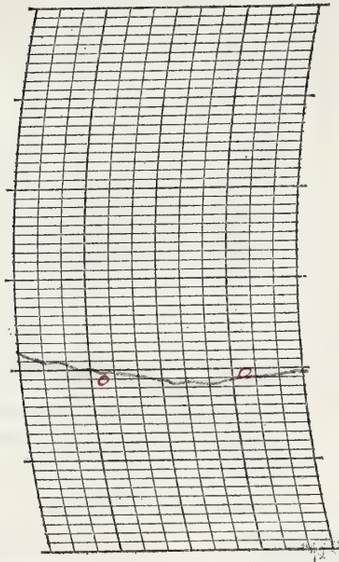
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cloudy threatening day with fog all day. Poor visibility and streets wet and slippery.

Cold wave warning received for Wednesday or Wednesday night flag hoisted immediately

Cold wave warning received 8:10 pm for Wednesday night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 18 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	29	29	28	28	27	26	25	24	24
Nature of precipitation and time of beginning and ending	R cont						NE 6:10 SMR 6:10					
Amounts of precipitation			.02							.07		
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	10	12	15	16	17	18	20	18	20	20	23	21
Maximum velocities (exceeding 24 miles) direction and time									25 N 8:39	28 N 9:40	37 NE 10:31	27 N 11:01

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	19	18	17	15	15	15	13	13	12	12	11
Nature of precipitation and time of beginning and ending												SM cont
Amounts of precipitation				.22					.04			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	20	19	21	19	17	18	18	16	15	15	14	15
Maximum velocities (exceeding 24 miles) direction and time	24 NE 12:40			26 N 3:01								

Sunrise: Time, 7:01 Character, Cloudy
Moonrise:

Sunset: Time, 4:15 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	11	22	

Total depth of snow for 24 hours ending 7 p. m., 5.2 inches.
Snow, sleet, and hail on ground 7 p. m., 5.0 inches.
Total snowfall, midnight to midnight, 5.9 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .29 ins.
Total precipitation, midnight to midnight, .35 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 417
Average hourly velocity, 17.4 Extreme velocity, 38
Maximum velocity, 38 Direction, N
Time began, 4:40 a.m.
Reduced barometer, 29.87 7 a. m., 29.78 7 p. m.
River gage, 16.5 feet
Relative humidity, 98 7 a. m. 96 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

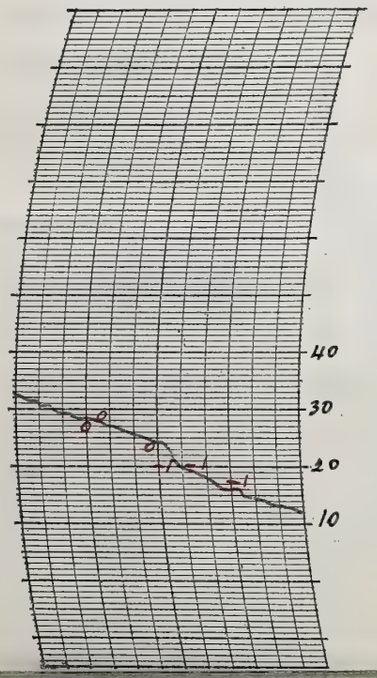
Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 24.1 Wet temperature, 23.9
Dew-point, 24 R. humidity, 98 V. pressure, .124
Clouds: Amount, 10; Kind, st; Direction, N
Velocity of clouds (miles per hour)

THERMOGRAPH



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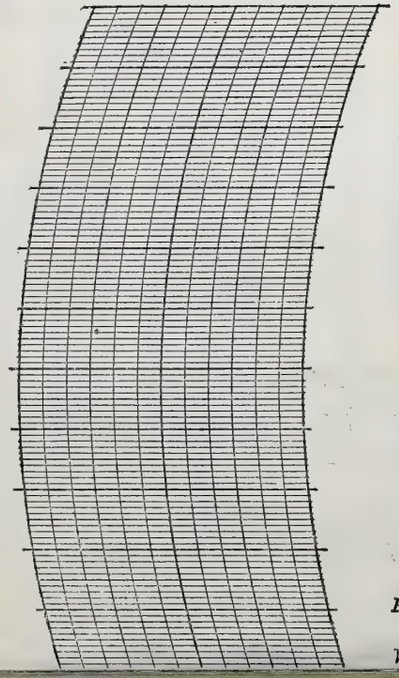
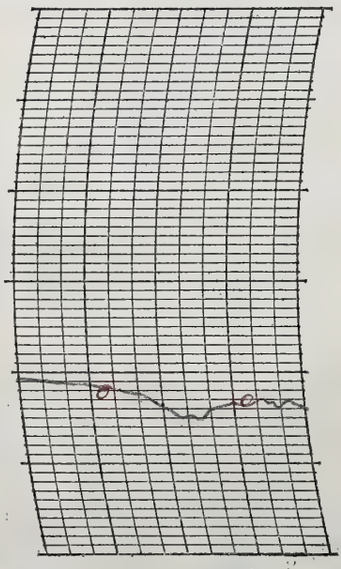


BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

The rain froze on the streets about the time that it began to snow and streets were very slippery and dangerous. The snow began to drift in the afternoon and by midnight nearly all roads were tied up. Street car service was nearly at a standstill from 10 a.m. until midnight. Very few cars running. Conditions were very bad from 4 p.m. until 10 p.m. and many people had to walk home from work. There was much distress. The blizzard was the worse since Jan. 12, 1918.

Cold wave warning received flag hoisted immediately

Form No. 1014--Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 19 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10 SM cont	10	9	9	8	8	8	7	9	10	11	11
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.06				×					.03
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)								0	0	0.5	1.0	0.8
Wind direction	N	N	N	NW	NW	NW	NW	NW	N	N	N	NW
Wind movement	16	14	15	16	13	13	14	14	14	11	11	10

Sunrise: Time, 7:02 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	10	10	9	9	9	9	9	12	12	12	12 SM cont
Nature of precipitation and time of beginning and ending												
Amounts of precipitation								×		.01		
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.1	0	0	0	0							
Wind direction	NW	W	W	W	W	SW	SW	SW	SW	SW	SW	W
Wind movement	10	8	8	8	6	7	6	7	11	13	13	16

Sunset: Time, 4:15 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

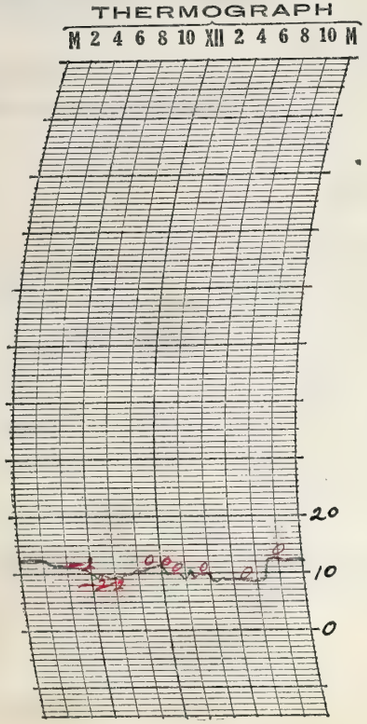
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	7	10	

Total depth of snow for 24 hours ending 7 p. m., 2.2 inches.
Snow, sleet, and hail on ground 7 p. m., 2.1 inches.
Total snowfall, midnight to midnight, 1.7 inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.4 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 26
Prevailing wind direction, NW Total wind, 274
Average hourly velocity, 11.4 Extreme velocity, 19
Maximum velocity, 19 Direction, W
Time began, 11:51 p.m.
Reduced barometer, 29.75 7 a. m. 29.76 7 p. m.
River gage, 16.0 fall
Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 11.2 Wet temperature, 11.0
Dew-point, 10 R. humidity, 96 V. pressure, .063
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



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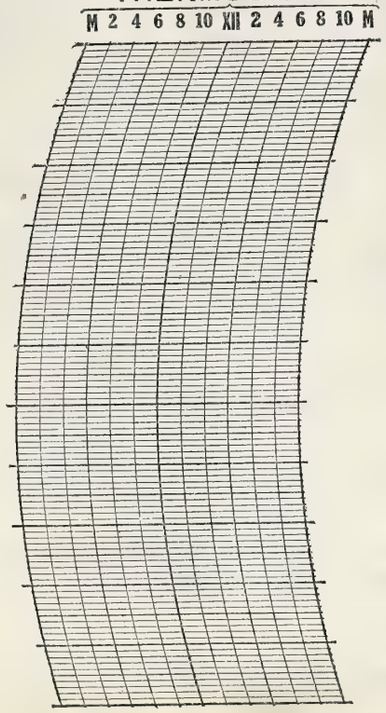
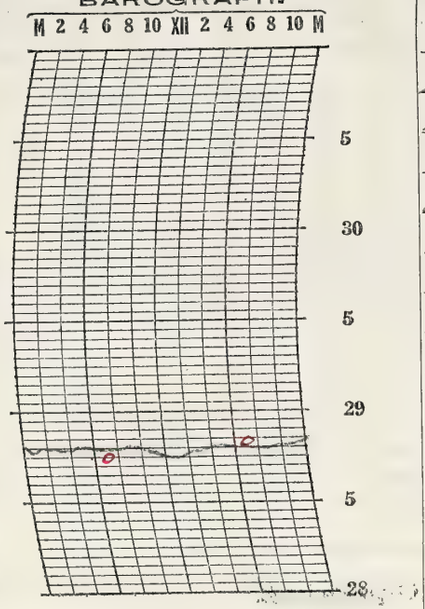


BAROGRAPH.



Prepared by EJ
Verified by E.L.A.

8—486

NOTES

The street cars were able to keep a fair schedule today. Large crews of men worked all night removing snow from the streets and they had the streets so cars could run in most sections of the city by early morning. Roads were blocked in the early morning but most of them had been opened by night. However the snow began to drift again about 11:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 20 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	9	8	7	8	6	6	7	7	8	8	10	11	10	10	9	8	9	9	10	10	10	10
State of weather: Nature of precipitation and time of beginning and ending	SM Cont			SM E DN2									SDB 12:20	SDE 1:45		SDB 3:00 SDE 4:00								
Amounts of precipitation			0.1									0.3												
Cloudiness and other conditions							Clear			Fldy					Cloudy									
Sunshine (in tenths of hours)								0	0	0.4	0.4	0	0	0.2	0	0	0							
Wind direction	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	16	19	17	19	18	19	20	22	24	25	21	23	22	22	21	21	19	17	16	15	15	12	13
Maximum velocities (exceeding 24 miles) direction and time										27 SW 9:34	28 SW 10:40		26 SW 12:07	29 SW 1:39	27 SW 2:15	26 SW 3:02								

Sunrise: Time, 7:02 Character, Cloudy

Moonrise:

Sunset: Time, 4:15 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	6	9	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow, sleet, and hail on ground 7 p. m., 7.6 inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., 0.3 ins.

Total precipitation, midnight to midnight, 0.4 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 1.0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 11

Prevailing wind direction, SW Total wind, 451

Average hourly velocity, 18.8 Extreme velocity, 34

Maximum velocity, 29 Direction, SW

Time began, 1:39 p.m.

Reduced barometer, 29.94 7 a. m., 30.15 7 p. m.

River gage, 16.0 feet

Relative humidity, 95 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

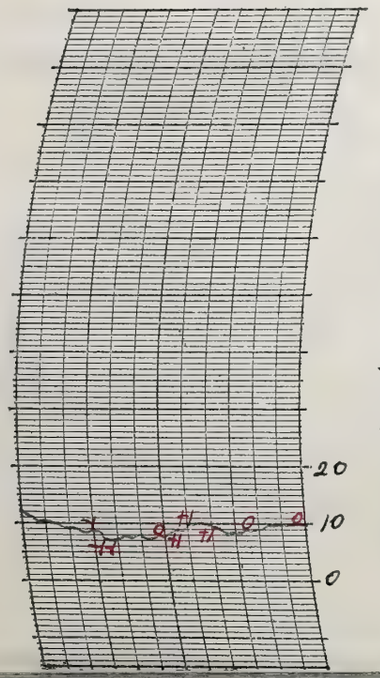
Dry temperature, 8.3 Wet temperature, 8.2

Dew-point, 8 R. humidity, 98 V. pressure, .057

Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

THERMOGRAPH



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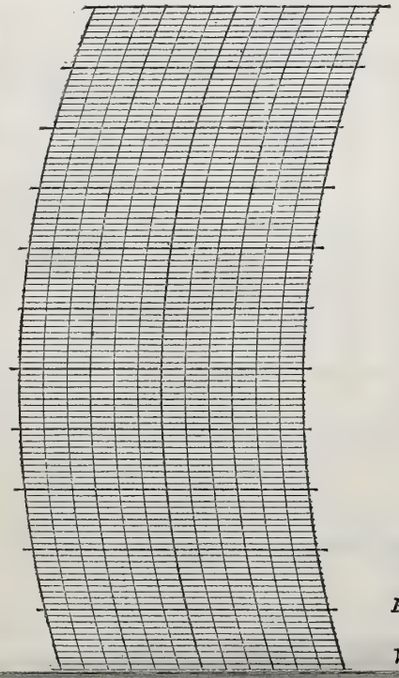
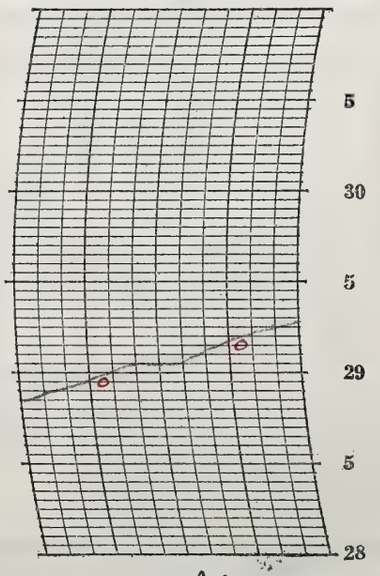


BAROGRAPH.



Prepared by CS

Verified by E.L.N

NOTES

The snow continued to drift badly all day. Roads that were opened on the 19th were all closed again by noon. All trains were hours behind time, and the post office was unable to deliver all mail as it came in. The main streets were passable but driveways in most cases were drifted full, and it was nearly impossible to make coal deliveries, etc.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 21 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	9	8	7	6	6	6	6	8	9	12	17
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								Clear				
Sunshine (in tenths of hours)								0.95 0	0.6 0.4	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW
Wind movement	11	10	10	11	8	9	9	9	9	10	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	17	18	17	16	15	13	13	12	12	11	10
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6 0.4	0.27 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	12	13	9	9	9	8	7	6	8	7

State of weather.

Sunrise: Time, 7:03 Character, Clear

Moonrise:

Sunset: Time, 4:16 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
18	5	12	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 7.5 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 224

Average hourly velocity, 9.3 Extreme velocity, 19

Maximum velocity, 18 Direction, N

Time began, 3:48 p.m.

Reduced barometer, 30.42 7 a. m., 30.57 7 p. m.

River gage, 13.0 feet

Relative humidity, 80 7 a. m., 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

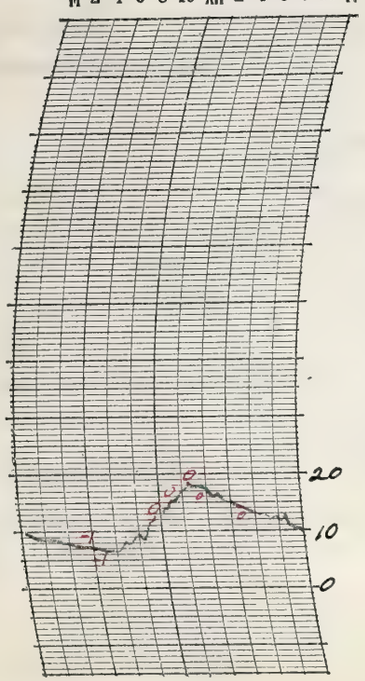
Dry temperature, 14.1 Wet temperature, 13.1

Dew-point, 10 R. humidity, 82 V. pressure, .063

Clouds: Amount, 5; Kind, ci; Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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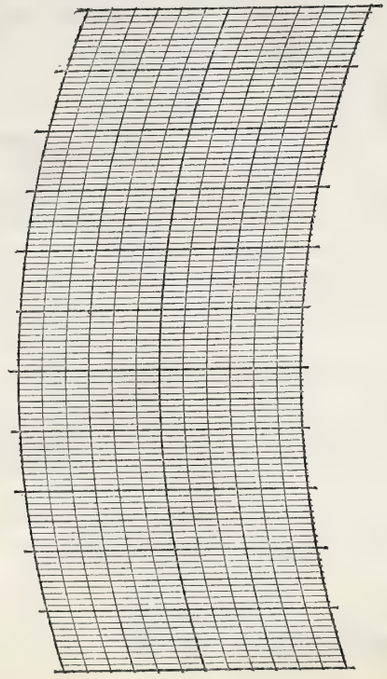
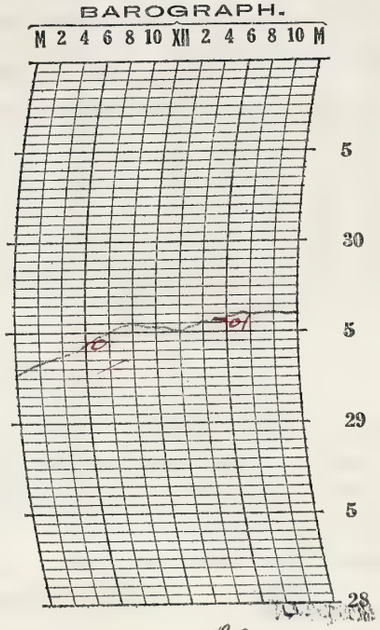


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cold clear day—Snow drifts very bad and streets nearly impassable

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 22 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	10	9	9	9	6	6	10	11	14	15	17	18	18	17	17	18	19	19	19	19	19	20
State of weather: Nature of precipitation and time of beginning and ending																					SDB 8:10			
Amounts of precipitation																						0	6	
Cloudiness and other conditions													Cloudy											
Sunrise: Time, 7:03 Character, Cloudy																					Sunset: Time, 4:16 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0	0	0.4	0.3	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	W	NW	NW	N	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N
Wind movement	7	5	3	4	4	2	2	3	3	4	7	6	9	8	8	9	8	7	7	7	6	6	6	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

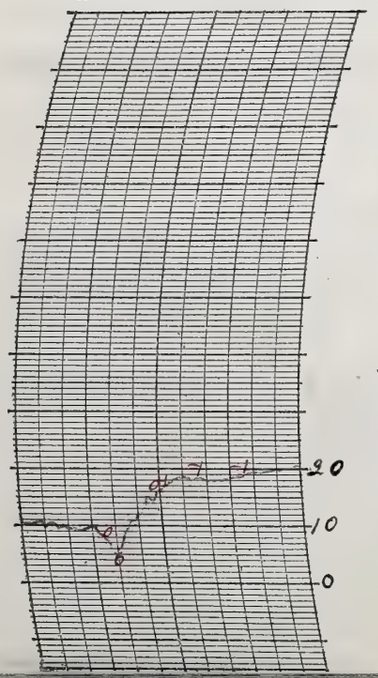
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	5	12	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 7.5 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 8
Prevailing wind direction, NE Total wind, 139
Average hourly velocity, 5.8 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 12:50 p.m.
Reduced barometer, 30.50 7 a. m. 30.36 7 p. m.
River gage, 10.0 feet
Relative humidity, 90 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 15.4 Wet temperature, 15.0
Dew-point, 14 R. humidity, 93 V. pressure, .077
Clouds: Amount, 10; Kind, cu st; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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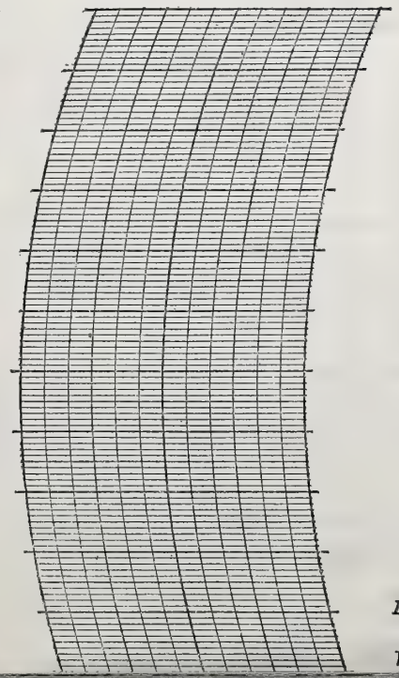
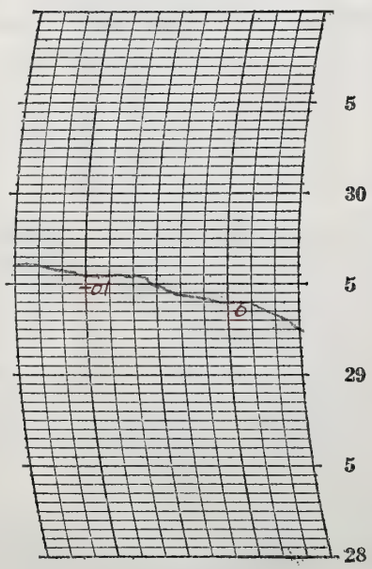


BAROGRAPH.



Prepared by E. J. H.

Verified by E. J. H.

NOTES

A Cloudy, cold day, visibility became very poor after 3 p.m. and a light snow fell at night. Streets still remain full of snow.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 23 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	20	20	20	20	20	20	20	20	20	21 SDE 10:40	21	22	23	24	23	23	22	23	22 SDB 7:20 SDE 7:40	22	22	21	22
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation			+2																	T				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)								0	0	0.4	1.0	0.7	0.6	1.0	0.7	0	0							
Wind direction	N	N	N	N	N	NW	NW	N	NW	W	W	W	W	W	W	SW	SW	W	W	W	SW	SW	SW	SW
Wind movement	8	5	4	4	5	5	6	5	5	5	6	8	9	9	7	7	9	9	7	5	8	7	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Cloudy

Sunrise: Time, 7:04 Character, Cloudy

Moonrise:

Sunset: Time, 4:17 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	20	22	

Total depth of snow for 24 hours ending 7 p. m., 2.5 inches.

Snow, sleet, and hail on ground 7 p. m., 9.8 inches.

Total snowfall, midnight to midnight, 1.7 inches.

Precipitation to 7 a. m., .18 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.7 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 48

Prevailing wind direction, W Total wind, 158

Average hourly velocity, 6.6 Extreme velocity, 11

Maximum velocity, 11 Direction, SW

Time began, 10:50 pm

Reduced barometer, 30.07 7 a. m. 30.09 7 p. m.

River gage, 9.0 feet

Relative humidity, 94 7 a. m. 92 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

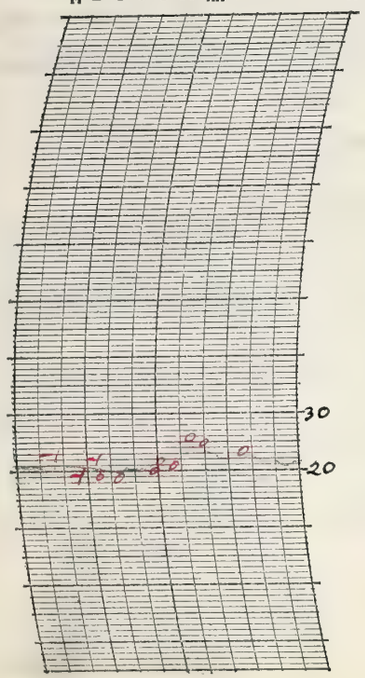
Dry temperature, 21.1 Wet temperature, 20.5

Dew-point, 19 R. humidity, 92 V. pressure, .095

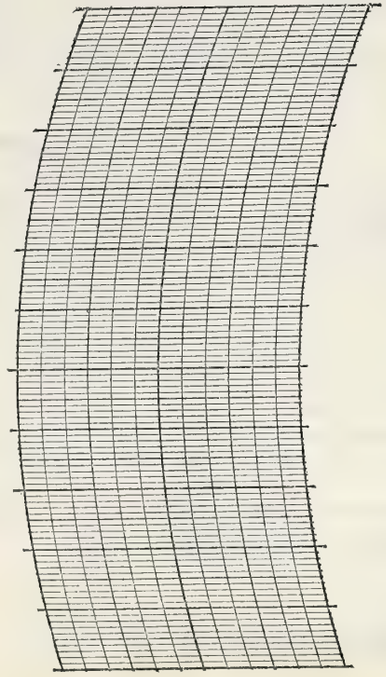
Clouds: Amount, 10; Kind, st; Direction, W

Velocity of clouds (miles per hour)

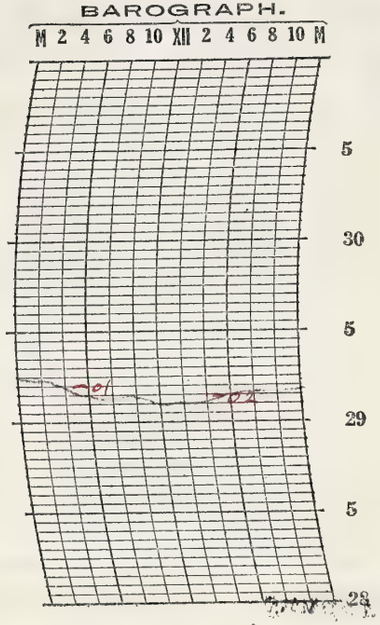
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Streets still have a lots of snow — cars can get around O.K. on main streets, but not on side streets. Temperatures remain unseasonable low.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) DEC 24 1929, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	19	17	15	15	15	15	14	13	15	18	21	24	26	27	28	29	30	30	29	28	27	28	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Clear			X Pdly		X			Cloudy									→
Sunshine (in tenths of hours)							.	0	0	0.8	0.9	1.0	0.4	0.4	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	SW
Wind movement	9	10	10	8	9	7	9	10	10	12	13	11	13	13	13	12	12	11	14	15	11	12	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:04 Character, Cloudy
Moonrise:
Sunset: Time, 4:18 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

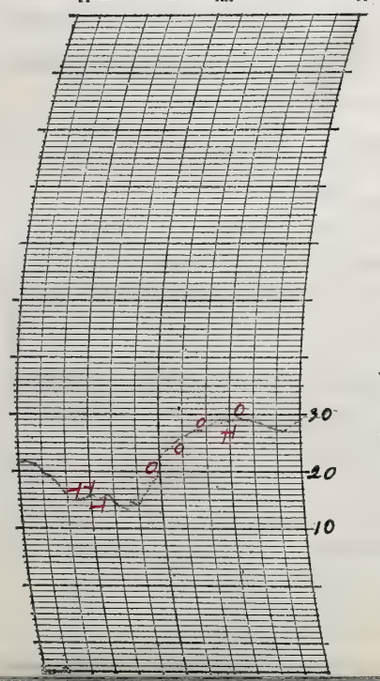
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	13	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 9.7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 38
Prevailing wind direction, S Total wind, 264
Average hourly velocity, 11.0 Extreme velocity, 18
Maximum velocity, 18 Direction, S
Time began, 2:06 pm
Reduced barometer, 30.18 7 a. m., 29.86 7 p. m.
River gage, 7.8 fall
Relative humidity, 93 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.0 Wet temperature, 18.9
Dew-point, 14 R. humidity, 70 V. pressure, .077 in
Clouds: Amount, 2; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

THERMOGRAPH



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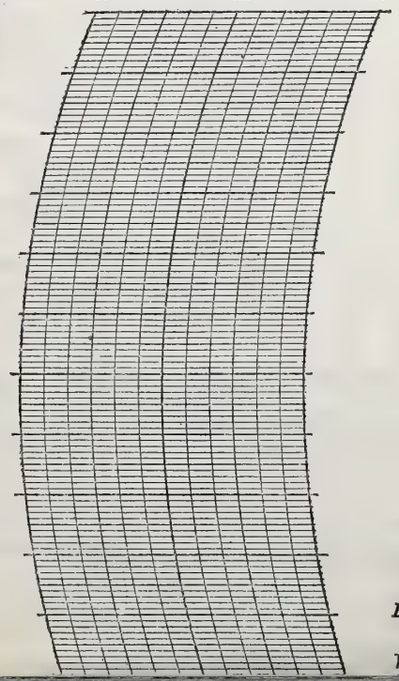
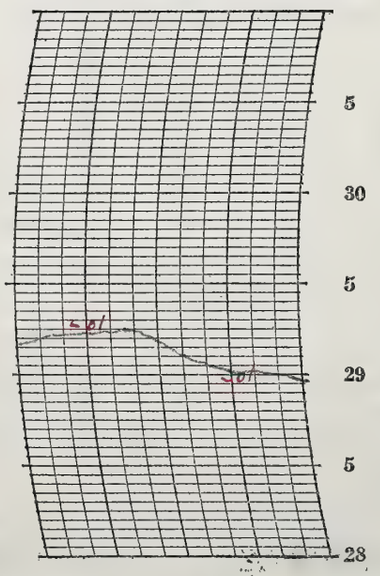


BAROGRAPH.



Prepared by E.L.H.

Verified by

NOTES

The streets remain in bad condition and very slippery. Considerable sunshine occurred during the day and the day, as a rule, was pleasant

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

DEC 25 1929

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) _____, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	31	30	30	28	27	26	25	26	27	26	26	27	27	27	26	26	26	26	26	25	25	25
State of weather: Nature of precipitation and time of beginning and ending	SMB 12:40													SME 1:30										
Amounts of precipitation				.0				X			T													
Cloudiness and other conditions														Cloudy										
Sunshine (in tenths of hours)								0	0	0.1	0.3	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	9	7	9	6	9	11	10	9	9	8	8	10	7	7	8	10	9	11	10	9	12	13	13
Maximum velocities (exceeding 2d miles) direction and time																								

Sunrise: Time, 7:05 Character, Cloudy
Moonrise:

Sunset: Time, 4:18 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

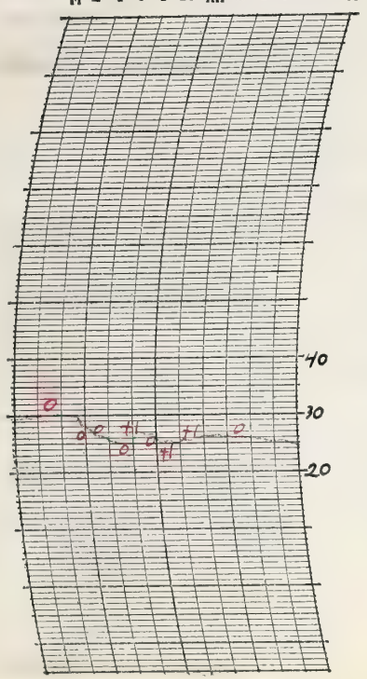
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	25	28	

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.
Snow, sleet, and hail on ground 7 p. m., 10.9 inches.
Total snowfall, midnight to midnight, 1.2 inches.
Precipitation to 7 a. m., .0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .0 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 4
Prevailing wind direction, SW Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 10:14 p.m.
Reduced barometer, 29.95 7 a. m. 30.08 7 p. m.
River gage, 6.5 feet
Relative humidity, 98 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 26.1 Wet temperature, 25.2
Dew-point, 24 R. humidity, 89 V. pressure, .124
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour) _____

THERMOGRAPH



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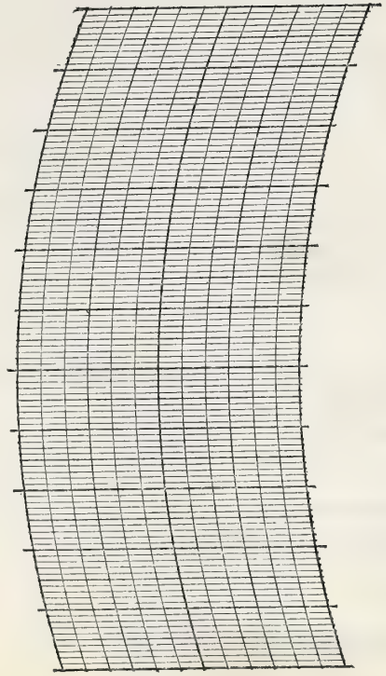

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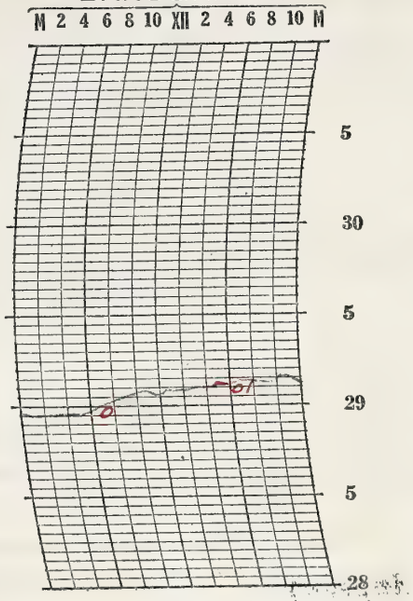


Prepared by _____

Verified by _____

8—486

NOTES

A very heavy snowfall occurred for a short time about 1:00 a.m. and again about 5:00 p.m. The flakes were large and stuck to windshields and to street cars. A light snow occurred off and on during the day and it was mostly cloudy. Temperatures remained below freezing and no melting occurred.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) DEC 26 1929, 192

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	23	23	24	24	26	30	32	36	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Pt Cldy				— X	
Sunshine (in tenths of hours)								0	0	0.8	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	12	12	11	8	8	10	8	10	13	15	14	13

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	42	42	41	41	41	41	41	40	40	39	39
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy			— X	Pt Cldy	— X		Cldy →		
Sunshine (in tenths of hours)	1.0	1.0	0.8	0	0							
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	17	18	15	16	16	20	16	13	13	12

Sunrise: Time, 7:05 Character, Cloudy
Moonrise:
Sunset: Time, 4:19 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	23	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 7.0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.6 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 61
Prevailing wind direction, S Total wind, 318
Average hourly velocity, 13.2 Extreme velocity, 24
Maximum velocity, 22 Direction, SW
Time began, 7:23 p.m.
Reduced barometer, 29.95 7 a. m. 29.24 7 p. m.
River gage, 4.5 feet
Relative humidity, 81 7 a. m. 73 7 p. m.

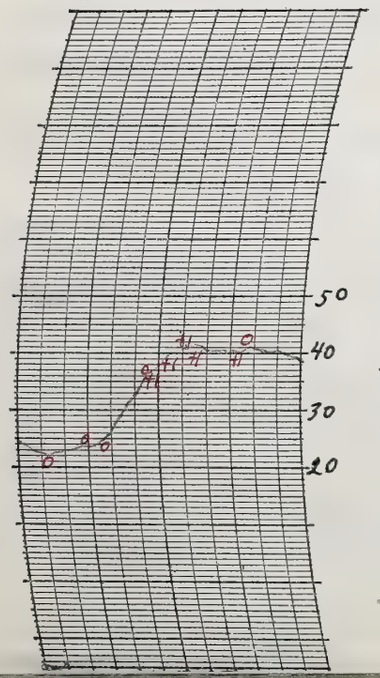
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

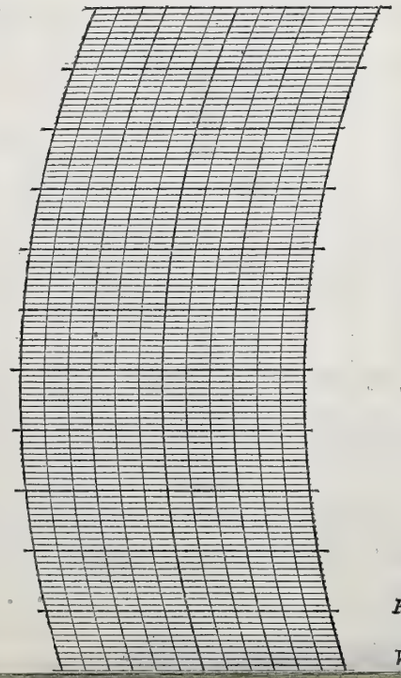
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 38.1 Wet temperature, 34.1
Dew-point, 28 R. humidity, 67 V. pressure, .150
Clouds: Amount, 2; Kind, Cl. Cu; Direction, W
Velocity of clouds (miles per hour)

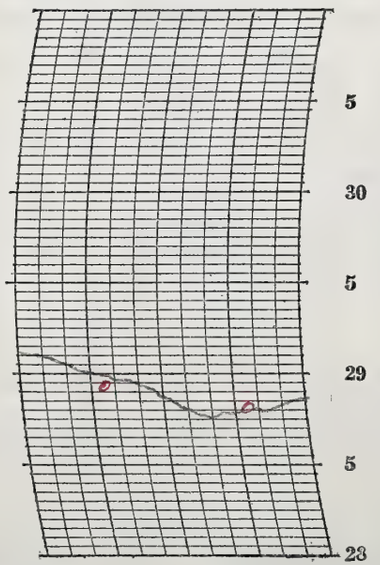
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.
Verified by E.A.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 27 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	36	36	35	34	35	35	36	36	37	38	37	35	36	35	35	34	34	34	34	33	33	33
State of weather: Nature of precipitation and time of beginning and ending														RB 1:10 RE 2:00										
Amounts of precipitation														T										
Cloudiness and other conditions						←						Cloudy												→
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	SW	SW	SW	W	SW	W	SW	SW	SW	SW
Wind movement	9	11	10	9	8	10	10	11	9	8	8	6	8	8	7	7	6	6	6	6	6	6	7	6

Sunrise: Time, 7:05 Character, Cloudy
Moonrise:
Sunset: Time, 4:19 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

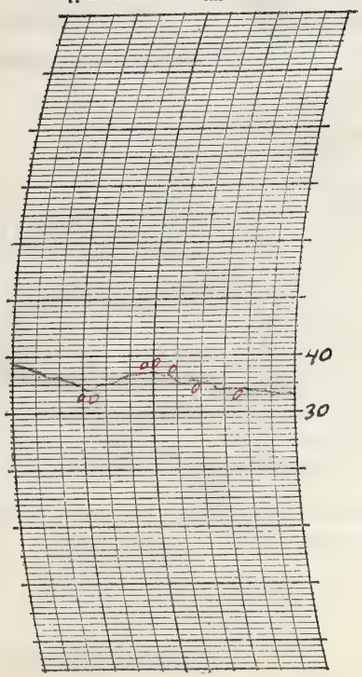
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 5.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 188
Average hourly velocity, 7.8 Extreme velocity, 13
Maximum velocity, 13 Direction, SW
Time began, 7:19 p.m.
Reduced barometer, 29.90 7 a. m. 30.05 7 p. m.
River gage, 5.4 feet
Relative humidity, 91 7 a. m. 95 7 p. m.

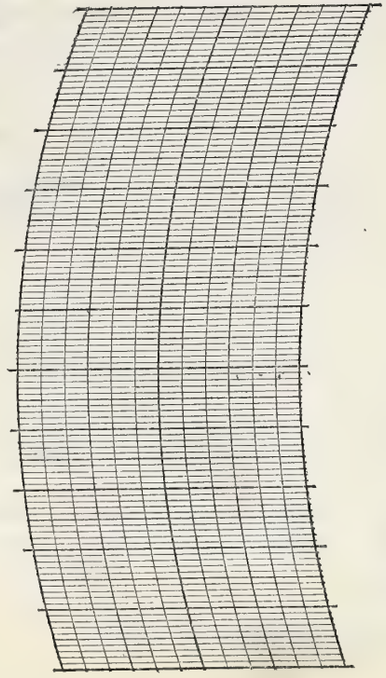
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.3 Wet temperature, 34.9
Dew-point, 30 R. humidity, 72 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

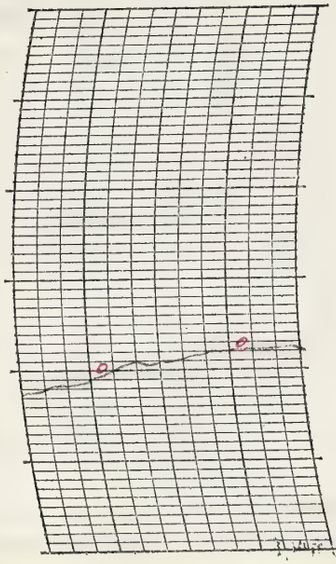
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 2 6 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	30	30	30	30	30	30	31	31	31	32	33	33	33	33	32	32	31	31	31	31	31	31
																	SMB 4:55					SME 10:00		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																		← 0.3	×		0.7	→		
Cloudiness and other conditions						←							Cloudy											→
Sunrise: Time, 7:06 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 4:20 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW	W	W
Wind movement	5	7	8	7	6	5	7	7	8	10	11	11	11	13	12	9	11	9	10	9	10	8	12	15
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	30	32	

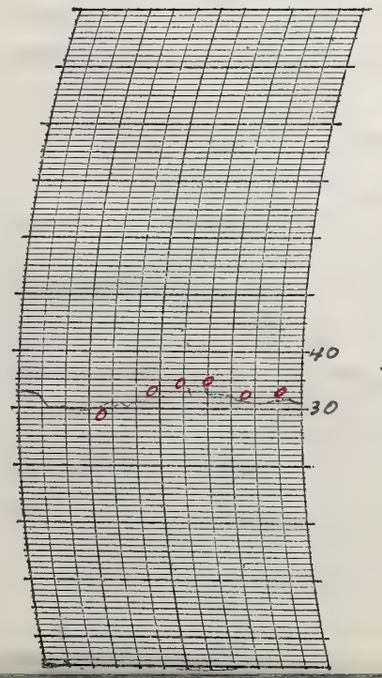
Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.
Snow, sleet, and hail on ground 7 p. m., 5.6 inches.
Total snowfall, midnight to midnight, 1.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.3 ins.
Total precipitation, midnight to midnight, .10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 17
Maximum velocity, 16 Direction, W
Time began, 10:35 p.m.
Reduced barometer, 30.05 7 a. m., 29.90 7 p. m.
River gage, 5.2 fall
Relative humidity, 84 7 a. m. 98 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 29.9
Dew-point, 27 R. humidity, 78 V. pressure, .143
Clouds: Amount, 10; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

THERMOGRAPH



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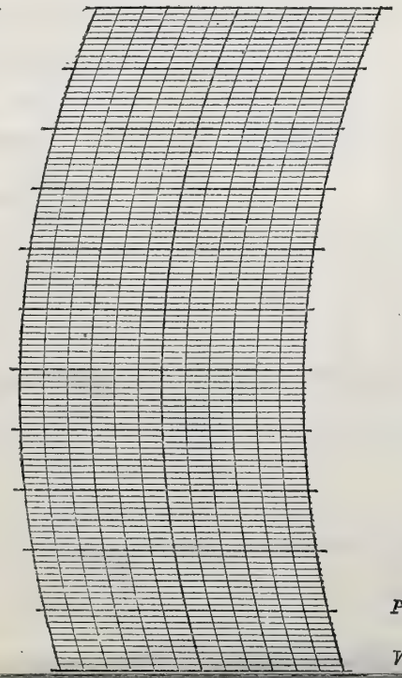
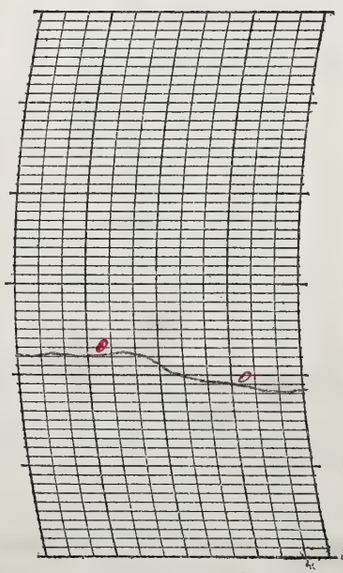


BAROGRAPH.



Prepared by C.H.
Verified by E.S.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 29 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	31	31	31	30	29	29	29	29	28	29	29	30	30	30	30	31	32	33	35	35	36	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Cloudy											→
Sunshine (in tenths of hours)								0	0	0	0	0.1	0.3	0.2	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	S	SW	SW	SW	SW	SW	W
Wind movement	12	9	12	11	8	10	13	12	10	9	8	8	11	10	11	12	9	12	14	17	19	18	12	13
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:21 Character, Cloudy

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.

Snow, sleet, and hail on ground 7 p. m., 6.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.6 Possible sunshine, hours, 4.2

Per cent of possible sunshine, 7

Prevailing wind direction, W Total wind, 280

Average hourly velocity, 11.7 Extreme velocity, 23

Maximum velocity, 22 Direction, SW

Time began, 8:47 p.m.

Reduced barometer, 29.94 a. m. 29.73 p. m.

River gage, 5.0 feet

Relative humidity, 87 a. m. 86 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

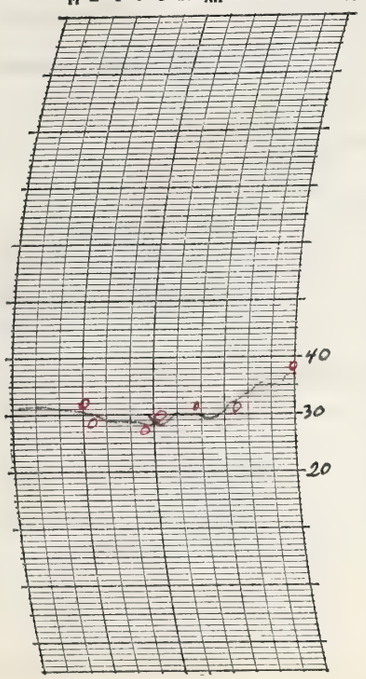
Dry temperature, 29.2 Wet temperature, 28.0

Dew-point, 26 R. humidity, 87 V. pressure, .136

Clouds: Amount, 9; Kind, st cu Direction, W

Velocity of clouds (miles per hour)

THERMOGRAPH



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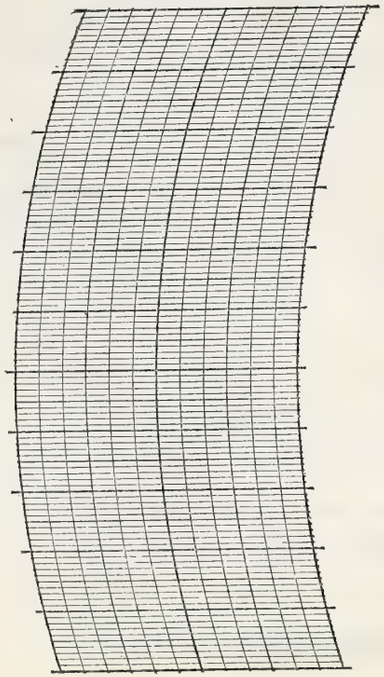
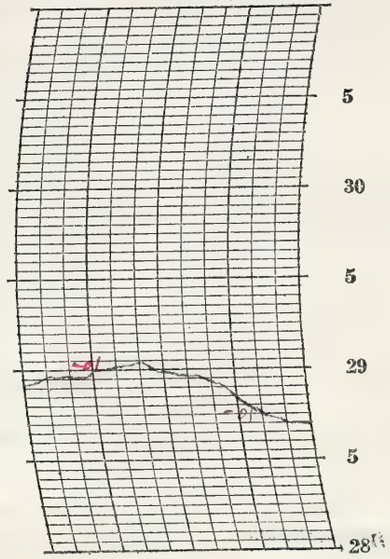


BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 30 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	32	32	32	30	33	36	38	40	42	43	43	44	43	44	43	43	42	41	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cldy X						Clear →											
Sunshine (in tenths of hours)								0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.37 0							
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	13	12	10	9	7	5	8	10	9	11	11	11	13	14	15	16	19	18	15	14	14	13	11	10
Maximum velocities (exceeding 2.1 miles) direction and time																								

Sunrise: Time, 7:06 Character, Cloudy
Moonrise:
Sunset: Time, 4:22 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

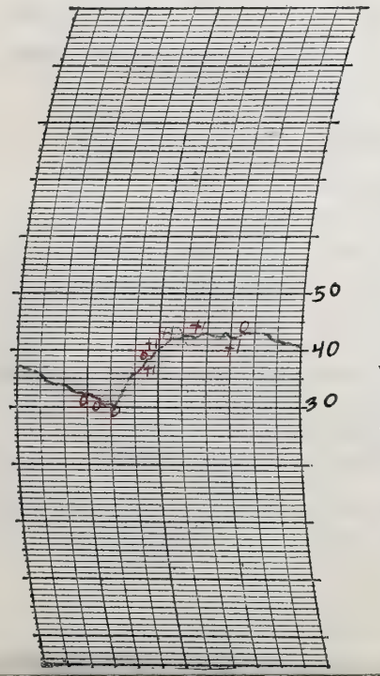
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	30	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 8.0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 86
Prevailing wind direction, SW Total wind, 288
Average hourly velocity, 12.0 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 5:22 p.m.
Reduced barometer, 29.75 7 a. m., 29.63 7 p. m.
River gage, 4.6 feet
Relative humidity, 88 7 a. m., 65 7 p. m.

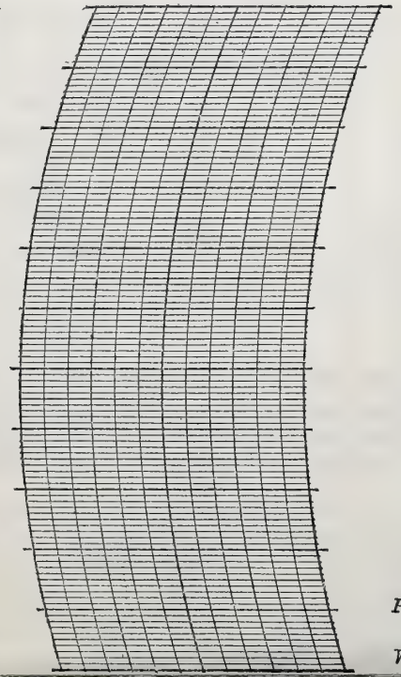
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 36.2
Dew-point, 31 R. humidity, 70 V. pressure, .172
Clouds: Amount, 3; Kind, cirst; Direction, W
Velocity of clouds (miles per hour)

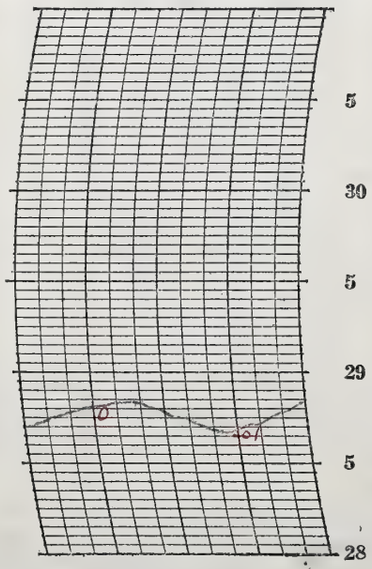
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 31 1929, 192

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	36	35	33	32	32	33	33	33	35	39	40	41	42	42	40	38	38	39	44	45	46	47	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cldy		Cldy			Pt Cldy		Pt Cldy			Pt Cldy		Cldy		Pt Cldy				
Sunshine (in tenths of hours)								0	0	0	1.0	1.0	1.0	1.0	0.6	0	0							
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	S	SE	E	SE	SE	E	E	E	E	E	SE	SE	SE	S	SE
Wind movement	8	8	6	7	6	4	2	2	4	3	5	5	8	5	5	5	5	6	4	5	9	9	8	6

Sunrise: Time, 7:06 Character, Cloudy
Moonrise:
Sunset: Time, 4:22 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	32	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.7 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 51
Prevailing wind direction, SE Total wind, 135
Average hourly velocity, 5.6 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 9:31 pm
Reduced barometer, 29.95 7 a. m., 29.89 7 p. m.
River gage, 5.7 feet
Relative humidity, 90 7 a. m., 84 7 p. m.

Maximum velocities (exceeding 2 miles) direction and time

Excessive precipitation, accumulated amounts

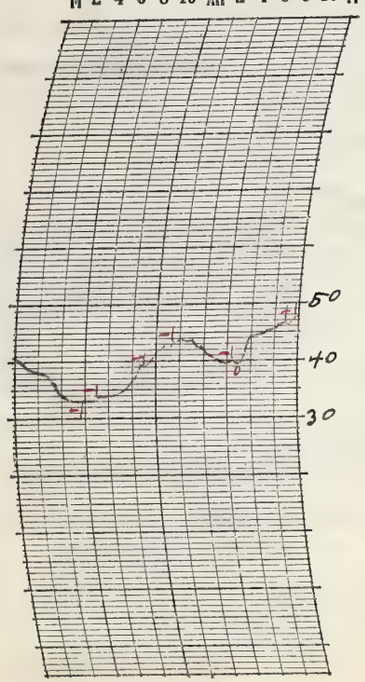
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

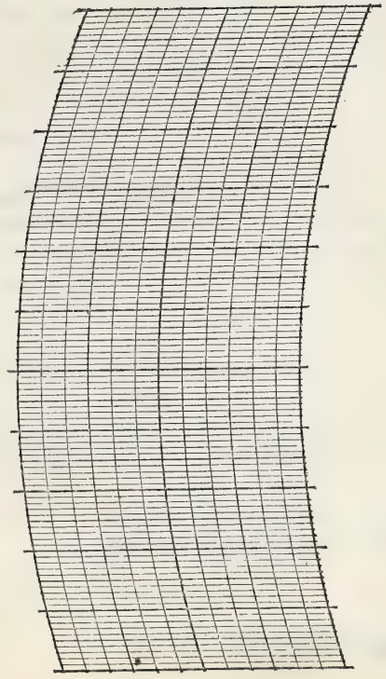
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.2 Wet temperature, 36.8
Dew-point, 32 R. humidity, 73 Sea pressure, 30.0
Clouds: Amount, 2; Kind, Ci Cu; Direction, NW
Velocity of clouds (miles per hour)

THERMOGRAPH



THERMOGRAPH



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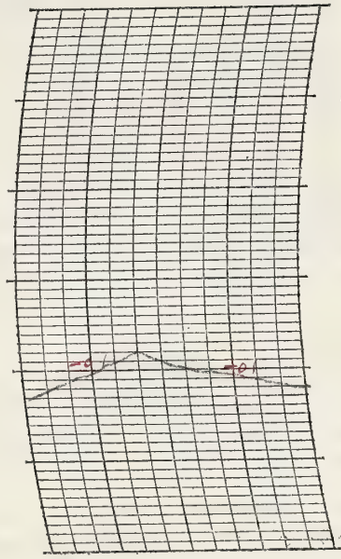


Prepared by
Verified by

8—486

NOTES

Light fog began 7:20 a ended 9:30 a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, *192*

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character,																				Sunset: Time, Character,			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

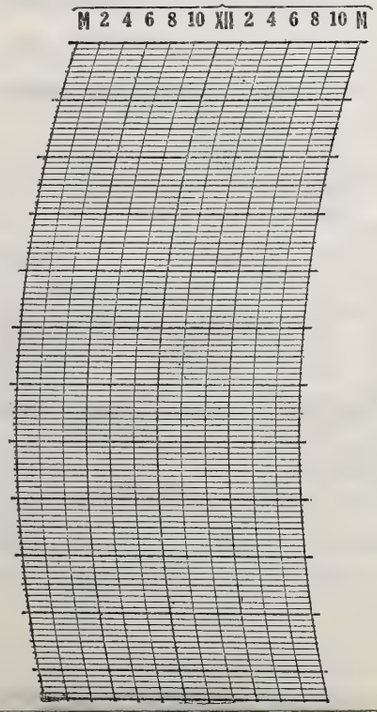
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

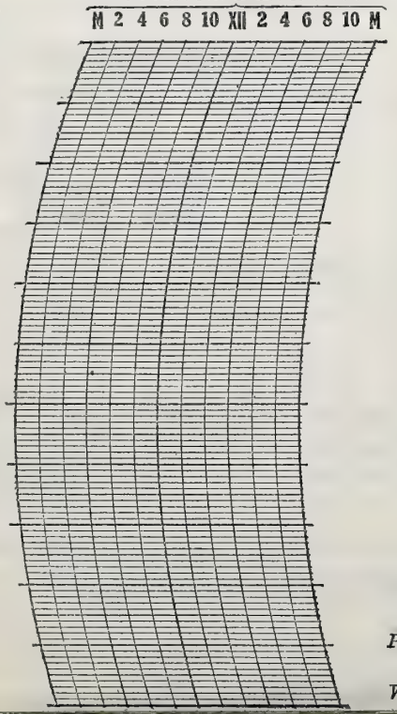
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

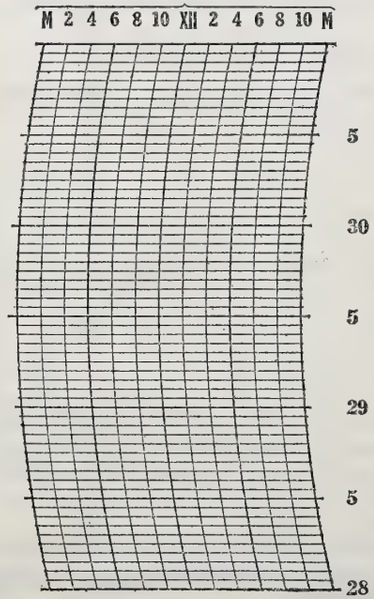
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character,																				Sunset: Time, Character,			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

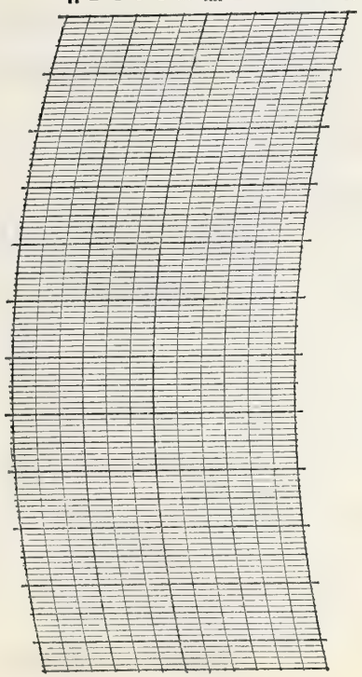
Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



THERMOGRAPH

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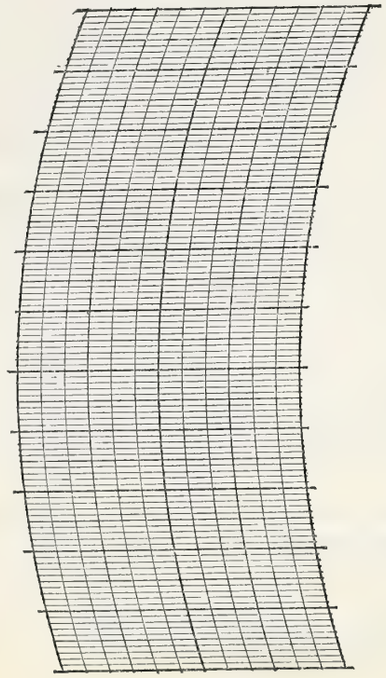

BAROGRAPH.

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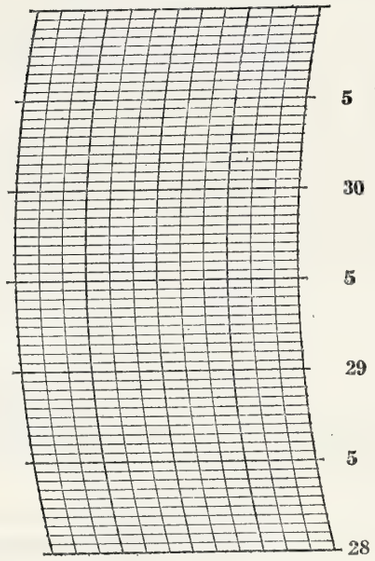


Prepared by _____

Verified by _____

NOTES

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

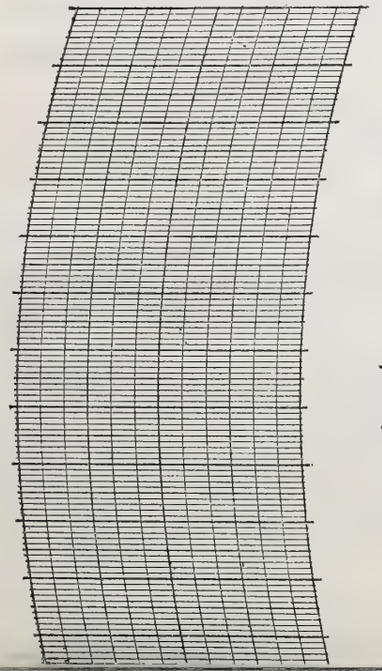
Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



THERMOGRAPH

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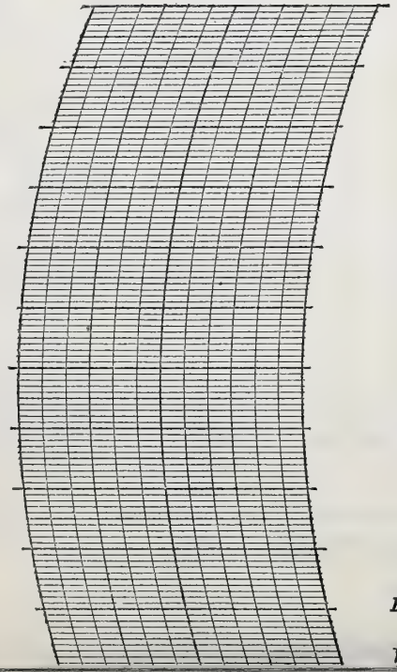
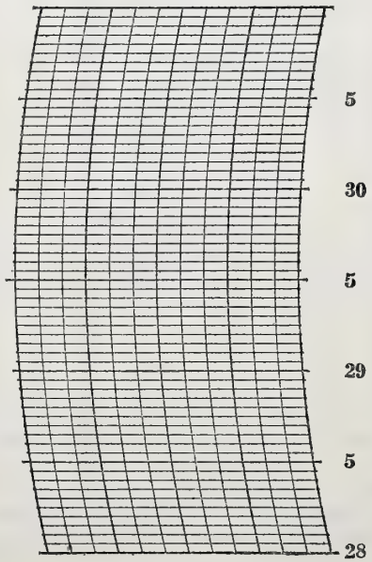


BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

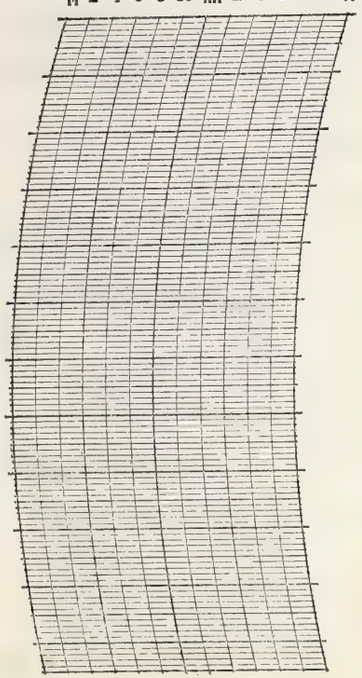
Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

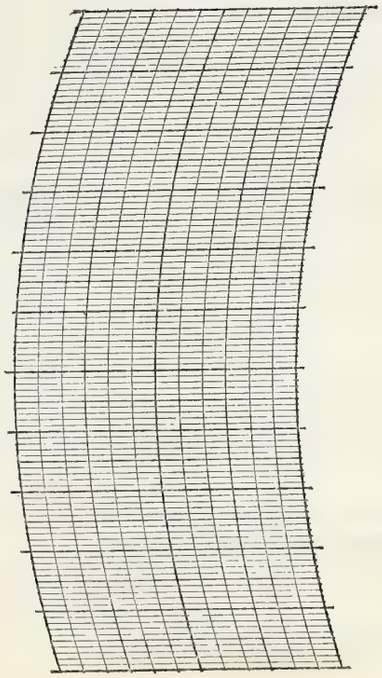
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



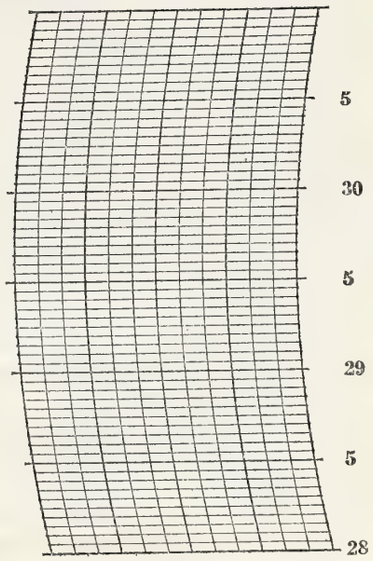
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 25 miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

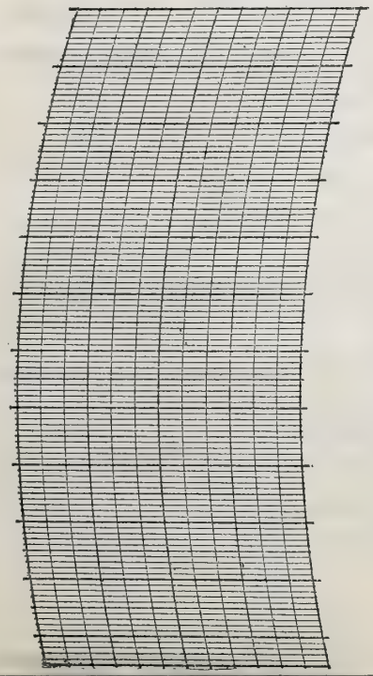
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

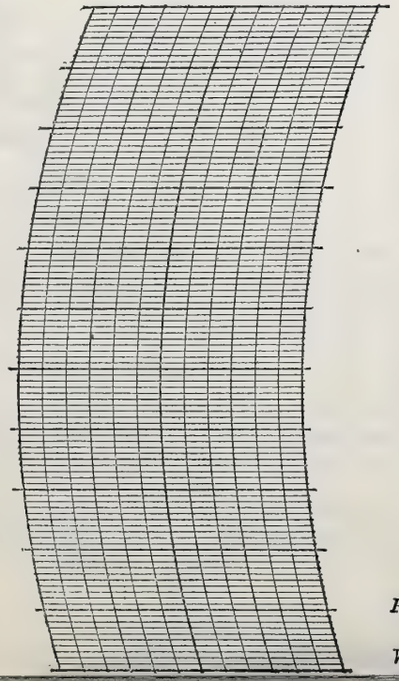
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH



THERMOGRAPH



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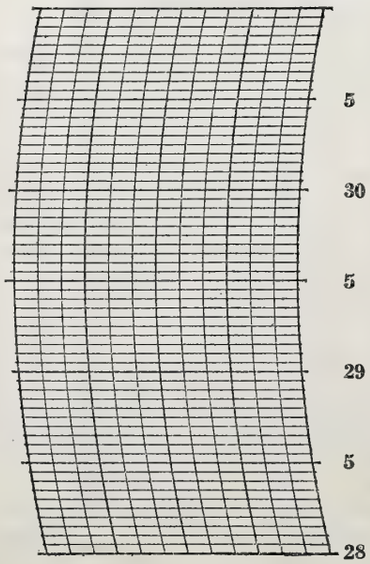


Prepared by _____

Verified by _____

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, *192*

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, _____ Wet temperature, _____

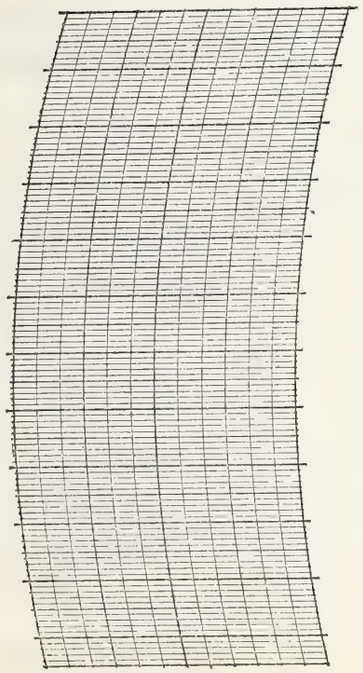
Dew-point, _____ R. humidity, _____ V. pressure, _____

Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



THERMOGRAPH

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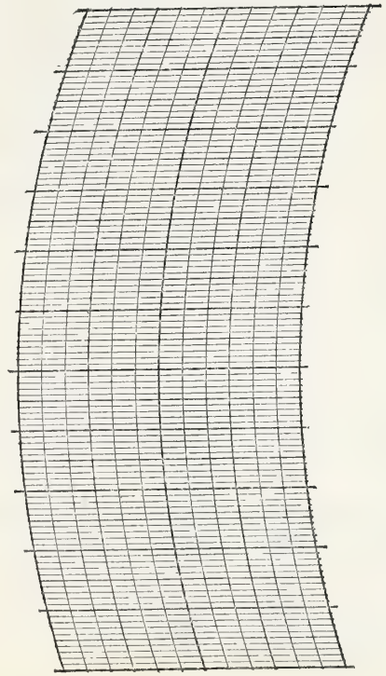
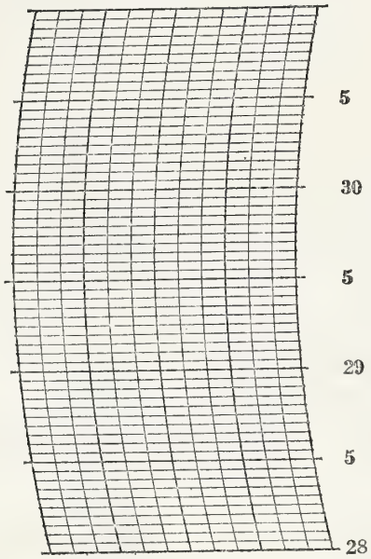


BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by _____

Verified by _____

NOTES

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 192

Time (local standard) 90 mer. normal time.	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

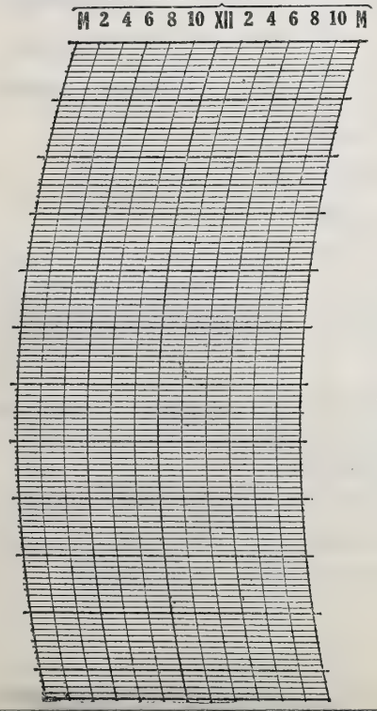
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

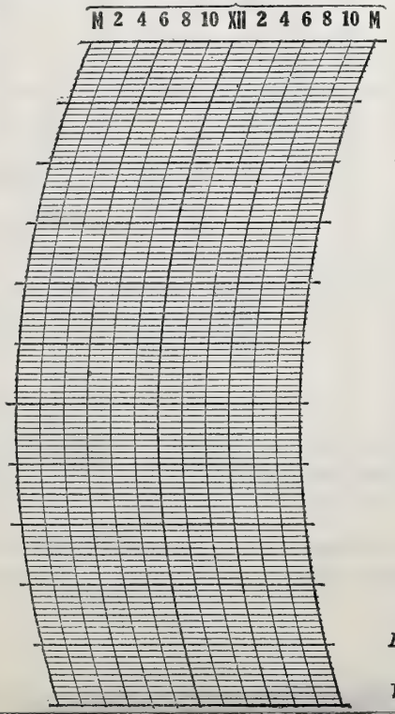
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

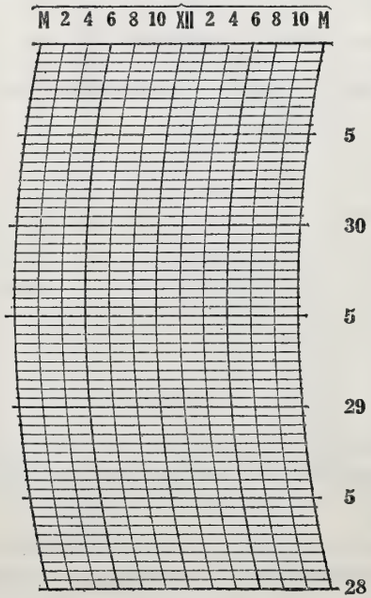
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

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INDEX, DAILY LOCAL RECORD, 192

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras												
Clouds, special formation	25, 27, 31											18
Cold waves	1, 5, 10, 22, 24											
Dew, heavy deposits of									23			
Droughts												
Earthquakes												
Fires, forest												
Fog, dense	17, 18		1, 4, 13, 14	11					23, 26, 27, 28	30, 31	14,	7, 10, 12, 13, 17
Floods, other than in rivers												
Frosts, light				14, 17, 23	4, 7, 8, 10, 20				~~21~~			
Heavy				18	5, 17				~~20~~			
Killing				19					19			
First killing after July 15									19			
Last killing before July 15				19								
Last heavy before July 15					17							
First heavy after July 15									19			
Hail. *See* Precipitation												
Ice	22-31											
Lightning, damage by												
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late	25		26									
Special	5, 14, 17, 18, 22, 24		6, 15	20, 25,	2,	11,			22	31	10, 12, 18 4, 5, 6	
Optical phenomena, haze												
Coronæ												
Halo, lunar		15, 17, 23	22	23	15							
Solar		12, 18, 24	10	7	10, 17	2, 17, 21	6, 14	5			23	2
Parhelia												
Parselenæ												
Rainbows			31									
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, heavy	18, 22				18,		4,	2, 3,	29,	22,	10,	17,
Excessive			31	1								
Sleet	16, 22											

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INDEX, DAILY LOCAL RECORD, 1929

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.	30											
Snow, light	22, 24, 25, 27, 29 3, 6, 9, 10, 11, 12, 16,	14, 21, 28 1, 2, 3, 5, 6, 9, 11, 13,	1, 2, 7								29 4, 19, 20, 24, 27,	28, 29, 2, 3, 4, 8, 20, 24,
Heavy	1, 14, 15, 31	8, 18-19,	16	1, 2	2, 3,					23, 24	28	1, 18, 19, 23, 25
Hail				4, 11	11							
Wet periods	14-18		13-16, 19-26	7-13, 24-30,	11-15	11-14,	4-9,		5-9, 25-29	20-24,	16-20,	10-20,
Rivers, rapid rise												
Flood stages	19, 20, 23	27-28										18, 19, 20
Low-water stages, unusual												15, [illegible]
High water, periods of	19-27	26-28	1-5, 15-21	1-5, 22-28	3-6, 15-21							15-22
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light							1	9, 30	1			
Dense		20						16				
Temperature, unusually high												
Unusually low												
Sudden rise												
Sudden fall												
Periods of high	9-11, 17-25	15-18, 24, 28	21-25		27-31	17-24	23-31	8-13, 21-26	1-5, 24-29,	5-8, 11-20,	1-4, 7-11,	12-13
Periods of low	6-8, 12-16	1-5, 10-12, 19-22	7-10		2-7	2-5 24, 28	19-20 24, 26, 28,	4-5, 14-16, 19-20	17-21,	21-25	20-22, 28-30.	1-4, 18-24,
Thunderstorms			12, 15, 23, 25, 31		2, 11, 15, 26, 28	7, 11, 12, 14, 16, 18,	4, 6, 7, 12, 13, 23,	2, 3, 13, 23, 26	5, 9, 29,			13
Tornadoes												
Warnings, advisory	25, 27, 31											18, 17
Cold wave	1, 5, 10, 11, 22, 24,	17, 18,										
Emergency				26,	21,					17, 21, 24, 27		
Frost				11, 12, 17, 18, 22	3, 5, 7, 16, 19, 20,	3				2, 7, 8, 13, 14, 16		
Hurricane												
Rapid rise in river												
Flood			27, 31		23, 27,							30
Winds, 22 to 32 miles per hour	18, 22, 25, 5, 6, 10, 11, 12, 13,	16, 26,	3, 8, 18, 19, 21, 23,		2, 7, 11, 14, 15, 16,	11, 27, 28, 30	4, 6, 7, 24, 28	13	16,	6, 22, 23, 26, 28	25, 26, 27, 28, 29	18, 20, 26, 29,
33 miles per hour, or over			6, 7,									
Hurricanes												

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